

**ORIGINAL**

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

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF  
A PORTION OF THE SUBDIVISIONAL LINES  
AND  
THE METES-AND-BOUNDS SURVEY OF THE  
WARM SPRINGS WILDERNESS AREA BOUNDARY,  
TOWNSHIP 19 NORTH, RANGE 18 WEST,  
OF THE GILA AND SALT RIVER MERIDIAN,  
IN THE STATE OF ARIZONA.

**EXECUTED BY**

**W. William Foster, Cadastral Surveyor**

Under Special Instructions dated March 29, 2004, approved March 29, 2004, which provided for the surveys included under Group No. 934, and assignment instructions dated March 29, 2004.

**Survey commenced July 18, 2004**

**Survey completed July 29, 2004**

**INDEX DIAGRAM**

TOWNSHIP 19 NORTH                      RANGE 18 WEST  
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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**T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the metes-and-bounds survey of the Warm Springs Wilderness Area Boundary, Township 19 North, Range 18 West, Gila and Salt River Meridian, Arizona.

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

Fred W. Rodolf surveyed the East, North and South boundaries and subdivisional lines and resurveyed a portion of the 5th Guide Meridian West (West Boundary) in 1909-10. Harry K. Smith resurveyed a portion of the 5th Guide Meridian West (West Boundary), a portion of the North and South boundaries and a portion of the subdivisional lines in 1977. Dennis K. McKay resurveyed a portion of the 5th Guide Meridian West (West Boundary) in 1984-90.

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, 1973, and the Special Instructions dated March 29, 2004, for Group No. 934, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Topcon Hyper Plus 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.

Geodetic control was derived from first order U. S. Geological Survey triangulation station FIG SPRING 1948, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the corner of sections 32 and 33 only, Townships 18 and 19 North, Range 18 West, is as follows:

Latitude: 34°58'54.55" N.                      Longitude: 114°12'37.74" W.

The mean magnetic declination is 12 3/4° E.

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**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Restoring the resurvey executed by Harry K. Smith, in 1977</p> <hr/>
	<p>Beginning at the cor. of secs. 32 and 33 only, on the S. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set in a supporting mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. T19NR18W S32 S33 S5 T18NR18W 1977.</p>
	<p>Add the marks 2004 to the brass cap.</p>
	<p>Cor. is located on the right bank of a dry sandy wash, bears E. and W.</p>
	<p>N. 0°01' E., bet. secs. 32 and 33.</p>
	<p>Over level land, through creosote, yucca and bunch grass.</p>
2.65	<p>Left bank of the same dry sandy wash, bears E. and W. The wash is 175 ft. wide, 6 ft. deep and drains E.</p>
20.96	<p>Point for a witness point on line bet. secs. 32 and 33.</p>
	<p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 24 ins. in the ground, with aluminum cap mkd.</p>
	<p>WP T 19 N R 18 W S 32   S 33</p>
	<p>2004</p>
39.96	<p>The 1/4 sec. cor. of secs. 32 and 33, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. T19NR18W 1/4 S32 S33 1977, with a mound of stone, 4 ft. base, 2 ft. high, W. of cor.</p>
	<p>Add the marks 2004 to the brass cap.</p>
	<hr/>
	<p>N. 0°01' E., beginning new measurement.</p>
17.68	<p>Point for a witness point on line bet. secs. 32 and 33.</p>
	<p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p style="text-align: center;">WP T 19 N R 18 W S 32   S 33 2004</p>
39.97	<p>The cor. of secs. 28, 29, 32 and 33, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T19NR18W S29 S28 S32 S33 1977, with mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <p>Cor. is located 30 lks. W. of dry sandy wash, 2 ft. deep, drains S. 25° E.</p> <hr/>
	<p>N. 89°55' W., bet. secs. 29 and 32.</p> <p>Over rolling rocky land, through creosote and bunch grass.</p>
24.17	<p>Point for a witness point on line bet. secs. 29 and 32.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.</p>
	<p style="text-align: center;">WP T 19 N R 18 W S 29 S 32 2004</p>
40.05	<p>The 1/4 sec. cor. of secs. 29 and 32, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. T19NR18W 1/4 S29 S32 1977, with a mound of stone, 4 ft. base, 3 ft. high N. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <hr/>
	<p>N. 89°55' W., beginning new measurement.</p>
16.14	<p>Point for a witness point on line bet. secs. 29 and 32.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p style="text-align: center;">WP T 19 N R 18 W S 29 ----- S 32  2004</p>
40.04	<p>The cor. of secs. 29, 30, 31 and 32, monumented with an iron post, 2 1/2 ins. diam., projecting 12 ins. above a collar of stone with brass cap mkd. T19NR18W S30 S29 S31 S32 1977, with a mound of stone, 4 ft. base, 2 ft. high, W. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <hr/>
	<p>N. 0°01' W., bet. secs. 29 and 30.</p>
	<p>Over level rocky land, through scattered yucca, creosote bush and bunch grass.</p>
20.57	<p>Point for a witness point on line bet. secs. 29 and 30.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.</p>
	<p style="text-align: center;">WP T 19 N R 18 W S 30   S 29  2004</p>
39.98	<p>The 1/4 sec. cor. of secs. 29 and 30, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground with brass cap mkd. T19NR18W 1/4 S30 S29 1977, with a mound of stone, 4 ft. base, 2 ft. high, W. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <hr/>
	<p>N. 0°01' E., beginning new measurement.</p>
20.89	<p>Point for a witness point on line bet. secs. 29 and 30.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 25 ins. in the ground, with aluminum cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">WP T 19 N R 18 W S 30   S 29 2004</p>
<p>39.99</p>	<p>The cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 13 ins. above a supporting mound of stone, 3 ft. base, 1 1/2 ft. high with brass cap mkd. T19NR18W S19 S20 S29 and S30 1977, with a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <hr/> <p>From the cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground with brass cap mkd. T19NR18W S20 S21 S28 S29 1977, with mound of stone, 4 ft. base, 3 ft. high, SW of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <p>N. 89°57' W., bet. secs. 20 and 29.</p> <p>Over level land, through scattered yucca, creosote bush and bunch grass.</p>
<p>24.00</p>	<p>Point for AP 1, sec. 20, on line bet. secs. 20 and 29.</p> <p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 37 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W WSWA   S 20 AP1   2004</p>
<p>40.03</p>	<p>The 1/4 sec. cor. of secs. 20 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground with brass cap mkd. T19NR18W 1/4 S20 S29 1977, with a mound of stone, 3 ft. base, 3 ft. high, W. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <hr/> <p>N. 89°56' W., beginning new measurement.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
17.78	<p>Point for a witness point on line bet. secs. 20 and 29.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 24 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">WP T 19 N R 18 W S 20 ----- S 29  2004</p>
40.06	<p>The cor. of secs. 19, 20, 29 and 30.</p> <hr/> <p>From the cor. of secs. 16, 17, 20 and 21, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. T19NR18W S17 S16 S21 S20 1977, with mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <p>N. 89°57' W., bet. secs. 17 and 20.</p> <p>Over level land, through scattered yucca, creosote bush and bunch grass.</p>
19.99	<p>Point on line, a 1/2 in. diam. iron rod, firmly set, projecting 4 ins. above the ground with aluminum cap mkd. HOLMQUIST &amp; ASSOCIATES 753-7779 E 1/16 SE RLS 25074. This iron rod is located on the left bank of Sacramento wash, bears N. and S.</p>
27.99	<p>Point for AP 16, sec. 20 on line bet. secs. 17 and 20.</p> <p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 37 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W S 17 ----- AP16   S 20 WSWA    2004</p> <p>Cor. is located on right bank of Sacramento Wash, bears N. and S.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
39.98	<p>The 1/4 sec. cor. of secs. 17 and 20, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T19NR18W 1/4 S17 S20 1977, with a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <hr/> <p>N. 89°59' W., beginning new measurement.</p>
12.56	<p>Point for a witness point on line bet. secs. 17 and 20.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 25 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">WP T 19 N R 18 W S 17 <hr/>S 20 2004</p>
20.02	<p>Point on line, a 1/2 in. diam. iron rod, firmly set, projecting 5 ins. above the ground, with aluminum cap mkd. HOLMQUIST &amp; ASSOCIATES 753-7779 SW 1/16 RLS 25074.</p>
27.65	<p>Point for a witness point on line bet. secs. 17 and 20.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">WP T 19 N R 18 W S 17 <hr/>S 20 2004</p>
40.05	<p>The cor. of secs. 17, 18, 19 and 20, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. T19NR18W S18 S17 S19 S20 1977, with a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <hr/> <p>N. 0°02' E., bet. secs. 17 and 18.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	Over rolling land, through scattered yucca, creosote bush and bunch grass.
12.68	Point for a witness point on line bet. secs. 17 and 18.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.
	<p style="text-align: center;">WP T 19 N R 18 W S 18   S 17 2004</p>
26.05	Point for a witness point on line bet. secs. 17 and 18.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 22 ins. in the ground, with aluminum cap mkd.
	<p style="text-align: center;">WP T 19 N R 18 W S 18   S 17 2004</p>
39.99	<p>The 1/4 sec. cor. of secs. 17 and 18, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. T19NR18W 1/4 S18 S17 1977, with a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <hr style="width: 30%; margin: 10px auto;"/>
	N. 0°01' W., beginning new measurement.
12.52	Point for a witness point on line bet. secs. 17 and 18.
	Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 25 ins. in the ground, with aluminum cap mkd.
	<p style="text-align: center;">WP T 19 N R 18 W S 18   S 17 2004</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
27.41	<p>Point for a witness point on line bet. secs. 17 and 18.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 25 ins. in the ground, with aluminum cap mkd.</p> <div style="text-align: center;"> <p>WP</p> <p>T 19 N R 18 W</p> <p>S 18   S 17</p> <p>2004</p> </div>
39.99	<p>The cor. of secs. 7, 8, 17 and 18, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. T19NR18W S7 S8 S18 S17 1977, with a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Add the marks 2004 to the brass cap.</p> <hr/> <p>N. 89°53' W., bet. secs. 7 and 18.</p> <p>Over level rocky land, gradually ascending, through scattered yucca, creosote bush and bunch grass.</p>
14.00	<p>Point for a witness point on line bet. secs. 7 and 18.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 14 ins. in the ground, to bedrock, in a supporting mound of stone, 3 ft. base, to top, with aluminum cap mkd.</p> <div style="text-align: center;"> <p>WP</p> <p>T 19 N R 18 W</p> <p>S 7</p> <hr style="width: 10%; margin: auto;"/> <p>S 18</p> <p>2004</p> </div>
28.01	<p>Point for a witness point on line bet. secs. 7 and 18.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 16 ins. in the ground, to bedrock, in a supporting mound of stone, 2 ft. base, to top, with aluminum cap mkd.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p style="text-align: center;">WP T 19 N R 18 W S 7 ----- S 18  2004</p>
40.01	<p>The 1/4 sec. cor. of secs. 7 and 18, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above a supporting mound of stone, 3 ft. base, with brass cap mkd. T19NR18W 1/4 S7 S18 1977.</p> <p>Add the marks 2004 to the brass cap.</p> <p>Fence post with survey marker sign is N. of cor.</p> <hr style="width: 20%; margin: 20px auto;"/> <p>S. 89°54' W., beginning new measurement.</p>
13.99	<p>Point for a witness point on line bet. secs. 7 and 18.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 25 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">WP T 19 N R 18 W S 7 ----- S 18  2004</p>
24.77	<p>Point for a witness point on line bet. secs. 7 and 18.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 25 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">WP T 19 N R 18 W S 7 ----- S 18  2004</p>
39.17	<p>The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T19NR19W R18W S12 S7 S13 S18 1977 2004. A mound of stone, 4 ft. base, 3 ft. high, is W. of cor.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS

From this cor. point, U.S.C. & G.S. triangulation station "FIG SPRING 1948" bears N. 16°41' E., 91.49 chs. dist., a bronze disc, 3 ins. diam., set in a concrete collar, 12 ins. diam., projecting 2 1/2 ins. above the ground, with top mkd. FIG SPRING 1948.

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**Metes-and-Bounds Survey of the  
Warm Springs Wilderness Area Boundary,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

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In Section 20

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From the point for AP 1, sec. 20, on the line bet. secs. 20 and 29, hereinbefore described.

From this cor. point, the 1/4 sec. cor. of secs. 20 and 29, bears N. 89°57' W., 16.03 chs. dist., hereinbefore described.

Cor. is located on right bank of Sacramento Wash.

N. 4°01' W., on line 1-2, sec. 20, along the Warm Springs Wilderness Area Bdy.

Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.

3.17 Point for AP 2, sec. 20.

Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 37 ins. in the ground, with aluminum cap mkd.

T 19 N R 18 W

AP2 } S 20  
WSWA }

2004

Cor. is located on right bank of Sacramento Wash.

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N. 19°26' W., on line 2-3, sec. 20.

Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.

2.02 Point for AP 3, sec. 20.

**Metes-and-Bounds Survey of the  
Warm Springs Wilderness Area Boundary,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 32 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W AP3 } S 20 WSWA }</p> <p style="text-align: center;">2004</p> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 9°30' E., on line 3-4, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p>
4.98	<p>Point for AP 4, sec. 20.</p> <p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 38 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W AP4 } S 20 WSWA }</p> <p style="text-align: center;">2004</p> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 7°02' W., on line 4-5, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p>
6.52	<p>Point for AP 5, sec. 20.</p> <p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 39 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W AP5 } S 20 WSWA }</p> <p style="text-align: center;">2004</p> <p>Cor. is located on right bank of Sacramento Wash.</p>

Metes-and-Bounds Survey of the  
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CHAINS	
<p>3.64</p>	<hr/> <p>N. 9°21' W., on line 5-6, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p> <p>Point for AP 6, sec. 20.</p> <p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 39 ins. in the ground, with aluminum cap mkd.</p> <div style="text-align: center;"> <p>T 19 N R 18 W</p> <p>AP6 \ S 20</p> <p>WSWA</p> <p>2004</p> </div> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr/>
<p>7.50</p>	<p>N. 1°24' W., on line 6-7, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p> <p>Point for AP 7, sec. 20.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 16 ins. in the ground to bedrock, in a supporting mound of stone, 3 ft. base, to top, with aluminum cap mkd.</p> <div style="text-align: center;"> <p>T 19 N R 18 W</p> <p>AP7 \ S 20</p> <p>WSWA</p> <p>2004</p> </div> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr/>
<p>5.23</p>	<p>N. 22°44' W., on line 7-8, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p> <p>Point for AP 8, sec. 20.</p>

**Metes-and-Bounds Survey of the  
Warm Springs Wilderness Area Boundary,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W AP8 } S 20 WSWA }</p> <p style="text-align: center;">2004</p> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 7°38' W., on line 8-9, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p>
4.97	<p>Point for AP 9, sec. 20.</p> <p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 24 ins. in the ground to bedrock, in a supporting mound of stone, 3 ft. base, to top, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W AP9 } S 20 WSWA }</p> <p style="text-align: center;">2004</p> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 21°30' E., on line 9-10, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p>
2.54	<p>Point for AP 10, sec. 20.</p> <p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 39 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W AP10 } S 20 WSWA }</p> <p style="text-align: center;">2004</p>

**Metes-and-Bounds Survey of the  
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CHAINS	
4.00	<p>Cor. is located on right bank of Sacramento Wash.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 6°14' W., on line 10-11, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p> <p>Point for AP 11, sec. 20.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 28 ins. in the ground, with aluminum cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 19 N R 18 W</p> <p>AP11 \ S 20</p> <p>WSWA /</p> <p>2004</p> </div> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr style="width: 20%; margin: 10px auto;"/>
5.45	<p>N. 15°51' W., on line 11-12, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p> <p>Point for AP 12, sec. 20.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 26 ins. in the ground, with aluminum cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 19 N R 18 W</p> <p>AP12 \ S 20</p> <p>WSWA /</p> <p>2004</p> </div> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr style="width: 20%; margin: 10px auto;"/>
11.20	<p>N. 12°17' E., on line 12-13, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p> <p>Point for AP 13, sec. 20.</p>

**Metes-and-Bounds Survey of the  
Warm Springs Wilderness Area Boundary,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 35 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W</p> <p style="text-align: center;">AP13 } S 20 WSWA }</p> <p style="text-align: center;">2004</p> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 7°50' W., on line 13-14, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p>
2.89	<p>Point for AP 14, sec. 20.</p> <p>Set an aluminum drive rod, 42 ins. long, 3/4 in. diam., 28 ins. in the ground to bedrock, in a supporting mound of stone, 3 ft. base, to top, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W</p> <p style="text-align: center;">AP14 } S 20 WSWA }</p> <p style="text-align: center;">2004</p> <p>Cor. is located on right bank of Sacramento Wash.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 0°07' W., on line 14-15, sec. 20.</p> <p>Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.</p>
16.07	<p>Point for AP 15, sec. 20.</p> <p>Set an aluminum drive rod, 30 ins. long, 3/4 in. diam., 27 ins. in the ground, with aluminum cap mkd.</p> <p style="text-align: center;">T 19 N R 18 W</p> <p style="text-align: center;">AP15 } S 20 WSWA }</p> <p style="text-align: center;">2004</p>

**Metes-and-Bounds Survey of the  
Warm Springs Wilderness Area Boundary,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS

Cor. is located on right bank of Sacramento Wash.

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N. 25°42' W., on line 15-16, sec. 20.

Over rolling rocky land, through scattered yucca, creosote bush and bunch grass.

1.38 Point for AP 16, sec. 20, on line bet. secs. 17 and 20, hereinbefore described.

From this cor. point, the 1/4 sec. cor. of secs. 17 and 20, bears N. 89°57' W., 11.99 chs. dist.

Cor. is located on right bank of Sacramento Wash.

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GENERAL DESCRIPTION

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The Warm Springs Wilderness Area is located approximately 25 miles southwesterly of Kingman Az. Access is by way of I-40 to old highway U.S. 66.

The terrain varies from level to rolling in sections 7, 17, 18, 19, 20, 29, 30, 31 and 32. The vegetation consists mostly of creosote and yucca bush, various cacti and native grasses. There are no residences in the area. A correctional facility is being constructed approximately 4 miles north east of the Wilderness.

The area is used for cattle grazing. There are several wild burros roaming in the area. The main drainage is the Sacramento Wash and drains Southerly.

The mean magnetic declination of 12 3/4° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

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**Description of the Warm Springs Wilderness Area Boundary,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS

The following is for informational purposes only

Beginning at the cor. of secs. 32 and 33 only, on the S. bdy. of the Tp.

thence N. 0°01' E., 20.96 chs. dist., on line bet. secs. 32 and 33, to WP 42;

thence N. 0°01' E., 19.00 chs. dist., to the 1/4 sec. cor. of secs. 32 and 33;

thence N. 0°01' E., 17.68 chs. dist., on line bet. secs. 32 and 33, to WP 43;

thence N. 0°01' E., 22.29 chs. dist. to the cor. of secs. 28, 29, 32 and 33;

thence N. 89°55' W., 24.17 chs. dist., on line bet. secs. 29 and 32, to WP44;

thence N. 89°55' W., 15.87 chs. dist., to the 1/4 sec. cor. of secs. 29 and 32;

thence N. 89°55' W., 16.14 chs. dist., on line bet secs. 29 and 32, to WP 45;

thence N. 89°55' W., 23.90 chs. dist., to the cor. of secs. 29, 30, 31 and 32;

thence N. 0°01' W., 20.57 chs. dist., on line bet. secs. 29 and 30, to WP 46;

thence N. 0°01' W., 19.41 chs. dist., to the 1/4 sec. cor. of secs. 29 and 30;

thence N. 0°01' E., 20.89 chs. dist., to WP47, on line bet. secs. 29 and 30;

thence N. 0°01' E., 19.10 chs. dist., to the cor. of secs. 19, 20, 29 and 30;

thence S. 89°56' E., 22.28 chs. dist., on line bet. secs. 20 and 29, to WP 41;

thence S. 89°56' E., 17.78 chs. dist., to the 1/4 sec. cor. of secs. 20 and 29;

thence S. 89°57' E., 16.03 chs. dist., on line bet. secs. 20 and 29, to Angle Point 1, sec. 20;

thence N. 4°01' W., 3.17 chs. dist., to Angle Point 2, sec. 20;

thence N. 19°26' W., 2.02 chs. dist., to Angle Point 3, sec. 20;

thence N. 9°30' E., 4.98 chs. dist., to Angle Point 4, sec. 20;

thence N. 7°02' W., 6.52 chs. dist., to Angle Point 5, sec. 20;

thence N. 9°21' W., 3.64 chs. dist., to Angle Point 6, sec. 20;

thence N. 1°24' W., 7.50 chs. dist., to Angle Point 7, sec. 20;

thence N. 22°44' W., 5.23 chs. dist., to Angle Point 8, sec. 20;

thence N. 7°38' W., 4.97 chs. dist., to Angle Point 9, sec. 20;

thence N. 21°30' E., 2.54 chs. dist., to Angle Point 10, sec. 20;

thence N. 6°14' W., 4.00 chs. dist., to Angle Point 11, sec. 20;

thence N. 15°51' W., 5.45 chs. dist., to Angle Point 12, sec. 20;

thence N. 12°17' E., 11.20 chs. dist., to Angle Point 13, sec. 20;

**Description of the Warm Springs Wilderness Area Boundary,  
T. 19 N., R. 18 W., Gila and Salt River Meridian, Arizona**

CHAINS

thence N. 7°50' W., 2.89 chs. dist., to Angle Point 14, sec. 20;  
 thence N. 0°07' W., 16.07 chs. dist., to Angle Point 15, sec. 20;  
 thence N. 25°42' W., 1.38 chs. dist., to Angle Point 16, sec. 20, bet. secs. 17 and 20;  
 thence N. 89°57' W., 11.99 chs. dist., on line bet. secs. 17 and 20, to the 1/4 sec. cor. of secs. 17 and 20;  
 thence N. 89°59' W., 12.56 chs. dist., on line bet. secs. 17 and 20, to WP 40;  
 thence N. 89°59' W., 15.09 chs. dist., to WP 39, on line bet. secs. 17 and 20;  
 thence N. 89°59' W., 12.40 chs. dist., to the cor. of secs. 17, 18, 19 and 20;  
 thence N. 0°02' E., 12.68 chs. dist., on line bet. secs. 17 and 18, to WP 38;  
 thence N. 0°02' E., 13.38 chs. dist., to WP 37, on line bet. secs. 17 and 18;  
 thence N. 0°02' E., 13.94 chs. dist., to the 1/4 sec. cor. of secs. 17 and 18;  
 thence N. 0°01' W., 12.52 chs. dist., to WP 33, on line bet. secs. 17 and 18;  
 thence N. 0°01' W., 14.89 chs. dist., to WP 34, on line bet. secs. 17 and 18;  
 thence N. 0°01' W., 12.58 chs. dist., to the cor. of secs. 7, 8, 17 and 18;  
 thence N. 89°53' W., 14.00 chs. dist., on line bet. secs. 7 and 18, to WP 35;  
 thence N. 89°53' W., 14.01 chs. dist., to WP 36, on line bet. secs. 7 and 18;  
 thence N. 89°53' W., 12.00 chs. dist., to the 1/4 sec. cor. of secs. 7 and 18;  
 thence S. 89°54' W., 13.99 chs. dist., to WP 32, on line bet. secs. 7 and 18;  
 thence S. 89°54' W., 10.79 chs. dist., to WP 31, on line bet. secs. 7 and 18;  
 thence S. 89°54' W., 14.40 chs. dist., to the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp.

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