

ORIGINAL

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE SOUTH BOUNDARY
A PORTION OF THE EAST BOUNDARY
AND A PORTION OF THE SUBDIVISIONAL LINES

TOWNSHIP 8 SOUTH, RANGE 15 WEST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Geoffrey A. Graham, Cadastral Surveyor

Under Special Instructions dated May 1, 2006, and Supplemental Special Instructions dated October 19, 2006, approved May 1, and October 19, 2006, which provided for the surveys included under Group No. 995, and assignment instructions dated May 1, and September 28, 2006.

Survey commenced October 23, 2006

Survey completed November 3, 2006

INDEX DIAGRAM

TOWNSHIP 8 SOUTH RANGE 15 WEST
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the south boundary, a portion of the east boundary and a portion of the subdivisional lines, Township 8 South, Range 15 West, Gila and Salt River Meridian, Arizona.

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

In 1877, Theodore F. White surveyed the south boundary and a portion of the east boundary and a portion of the subdivisional lines. In 1893, Lewis Wolfley completed the east boundary. In 1930, Francis E. Joy resurveyed the south and east boundaries. In 1934, Francis E. Joy and Robert H. Fischer resurveyed a portion of the east boundary and a portion of the subdivisional lines, and surveyed the remaining subdivisional lines. Records at the Yuma Area Office of the Bureau of Reclamation indicate the U. S. Reclamation Service performed substantial resurveys and corner perpetuations in the course of their projects between 1912-15 and 1930-50. These surveys are the source of redwood and iron post monuments that were recovered during the course of this survey.

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 May 1, 2006, and the Supplemental Special Instructions dated October 19, 2006, for Group No. 995, Arizona.

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

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) JACUMBAAP_CS2004 CORS ARP, MCDOT BUCKEYE CORS ARP, and CITY OF TUSCON 2 CORS ARP. The NAD 83 (CORS96)(EPOCH:2002), geographic position of the corner of sections 25, 30, 31 and 36 on the east boundary of the township, is as follows:

T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Latitude: 32°41'38.81" N. Longitude: 113°44'48.86" W.</p> <p>The mean magnetic declination is 11 3/4° E.</p>
	<hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the South Boundary, T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p style="text-align: center;">Restoring the survey executed by Francis E. Joy, in 1930</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 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T8S R15W S32 S33 S5 T9S R15W 1930.</p>
	<p>Add the marks 2006 to the brass cap.</p>
	<p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p>
	<p>From this cor. point, the cor. of secs. 4 and 5 only, T. 9 S., R 15 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. T8S R15W S33 S5 S4 T9S R15W 1930, bears N. 89°51' E., 1.35 chs. dist.</p>
	<p>S. 89°54' W., bet. secs. 5 and 32, generally descending over rolling sand dunes.</p>
38.64	<p>From this point, an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. 1/4 S5 1930, bears S., 1.2 lks. dist.</p>
	<p>Add the marks T9SR15W 2006 to the brass cap.</p>
40.13	<p>The 1/4 sec. cor. of sec. 32 only, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. 1/4 S 32 1930.</p>
	<p>Add the marks T8S R15W 2006 to the brass cap.</p>
	<p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <hr/>
	<p>S. 89°54' W., beginning new measurement, gently descending over nearly level desert.</p>

**Dependent Resurvey of a Portion of the South Boundary,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

CHAINS	
38.58	<p>The cor. of secs. 5 and 6 only, T. 9 S., R. 15 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. T8S R15W S32 S6 S5 T9S R15W 1930.</p> <p>Add the marks 2006 to the brass cap.</p>
40.23	<p>The cor. of secs. 31 and 32 only, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T8S R15W S31 S32 S6 T9S R15W 1930.</p> <p>Add the marks 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <hr/> <p>S. 89°44' W., bet. secs. 31 and 6, over nearly level terrain.</p>
38.37	<p>The 1/4 sec. cor. for sec. 6 only, T. 9 S., R. 15 W., monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. 1/4 S6 1930.</p> <p>Add the marks T9S R15W 2006 to the brass cap.</p>
39.66	<p>The 1/4 sec. cor. of sec. 31 only, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. 1/4 S31 1930.</p> <p>Add the marks T8S R15W 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <hr/> <p>S. 89°46' W., beginning new measurement.</p>
38.75	<p>The cor. of Tps. 8 and 9 S., Rs. 15 and 16 W., monumented with an iron post, 3 ins. diam., firmly set flush with the ground, with brass cap mkd. T8S R16W R15W S36 S31 S1 S6 T9S 1930 2006, with a steel fence post with attached Bureau of Land Management, standard sign, S-201, nearby.</p> <hr/>
<p>Dependent Resurvey of a Portion of the East Boundary, T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona</p> <hr/>	
<p>Restoring the survey executed by Francis E. Joy, in 1930</p> <hr/>	

**Dependent Resurvey of a Portion of the East Boundary,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From the cor. of secs. 25 and 36 only, on the E. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above the ground, in a mound of stone, 2 1/2 ft. diam., to top, with brass cap mkd. T8S T8S S25 R14W S36 S31 R15W 1930.</p> <p>Add the marks 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>N. 0°17' E., on the E. bdy. of sec. 25, generally ascending over foothills of the Mohawk Mountains.</p>
19.05	<p>From this point, an iron post, 2 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. T8S T8S S30 R15W S31 S25 R14W 1930, with an accessory mound of stone, 3 ft. base, 2 ft. high, E. of the cor., bears N. 89°54' E., 1.1 lks. dist.</p> <p>Add the marks 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p>
	<p>From this same point, the cor. of secs. 29, 30, 31 and 32, T. 8 S., R. 14 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. T8S R14W S30 S29 S31 S32 1930, with an accessory mound of stone, 3 ft. base, 1 1/2 ft. high, W. of the cor., bears N. 89°54' E., 1.18 chs. dist.</p>
41.68	<p>The 1/4 sec. cor. of sec. 25 only, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. 1/4 S25 1930, with an accessory mound of stone, 2 ft. base, 1 1/2 ft. high, W. of the cor.</p> <p>Add the marks T8S R15W R14W 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p>
17.40	<hr/> <p>N. 0°24' W., beginning new measurement.</p> <p>From this point, an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. 1/4 S30 1930, with an accessory mound of stone, 1 1/2 ft. base, 1 1/2 ft. high, E. of the cor., bears S. 89°39' W., 2.6 lks. dist.</p> <p>Add the marks T8S R15W R14W 2006 to the brass cap.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>From this same point, the 1/4 sec. cor. of secs. 29 and 30, T. 8 S., R. 14 W., monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. 1/4 S30 S29 1930, with an accessory mound of stone, 3 ft. base, 1 1/2 ft. high, W. of the cor., bears N. 89°39' E., 1.02 chs. dist.</p> <p>39.42 The cor. of secs. 24 and 25 only, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. T8S T8S S24 R14W S30 S25 R15W 1930, with an accessory mound of stone 3 ft. base, 1 1/2 ft. high, W. of the cor. A redwood post, 3 1/2 ins. sq., 35 ins. long, mkd. S25 on a face, lays loose alongside.</p> <p>Add the marks 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>Cor. is located 38 lks. N. of a planned road in an undeveloped subdivision, 30 ft. wide, bears generally W.</p> <hr/> <p align="center">Restoring the survey executed by Francis E. Joy and Robert H. Fischer, in 1934</p> <hr/> <p>N. 0°06' W., on the E. bdy. of sec. 24, ascending into the Mohawk Mountains.</p>
17.75	<p>From this point, the witness cor. for the cor. of secs. 19 and 30 only, T. 8 S., R. 14 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. WC T8S T8S R15W S19 S24 S30 R14W 1930, with an accessory mound of stone, 3 ft. base, 2 ft. high, E. of the cor., bears W., 1.3 lks. dist.</p> <p>Add the marks 2006 to the brass cap.</p> <p>From this same point, the witness cor. for the cor. of secs. 19, 20, 29 and 30, T. 8 S., R. 14 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd. WC T8S R14W S19 S20 S30 S29 1930, with an accessory mound of stone, 3 ft. base, 1 1/2 ft. high, W. of the cor., bears N. 89°50' E., 1.03 chs. dist.</p> <p>Both of these monuments are located on the left bank of a wash, 4 ft. deep, 30 ft. wide, drains W.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

CHAINS	
39.98	<p>The 1/4 sec. cor. of sec. 24 only, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. 1/4 S24 1934, with an accessory mound of stone, 3 ft. base, 2 ft. high, W. of the cor.</p> <p>Add marks T8S R15W R14W 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p>
40.28	<p>Angle point on line bet. secs. 19 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. AP T8S S24 S19 R15W R14W 1934, with an accessory mound of stone, 3 ft. base, 1 1/2 ft. high, W. of the cor.</p> <p>Add the marks 2006 to the brass cap.</p> <hr/> <p>N. 0°30' E., beginning new measurement.</p>
17.68	<p>From this point, an iron post, 1 in. diam., firmly set, projecting 9 ins. above a supporting mound of stone, 4 ft. base, 3 ft. high, with brass cap mkd. 1/4 S19 1930, bears S. 89°14' E., 1 lk. dist.</p> <p>Add the marks T8S R15W R14W 2006 to the brass cap.</p> <p>From this same point, the 1/4 sec. cor. of secs. 19 and 20, T. 8 S., R. 14 W., monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above a supporting mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. 1/4 S19 S20 1930, bears S. 89°14' E., 74 lks. dist.</p>
39.62	<p>Angle point on line bet. secs. 19 and 24, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above a supporting mound of stone, 5 ft. base, 3 ft. high, with brass cap mkd. AP T8S T8S R14W S24 S19 R15W 1934. A redwood post, 3 1/2 ins. sq., firmly set, projects 19 ins. above the same mound of stone, mkd. R14W on E. face and T8S on N. face.</p> <p>Add the marks 2006 to the brass cap.</p> <hr/> <p>N. 0°55' W., beginning new measurement.</p>
0.12	<p>The cor. of secs. 13 and 24 only, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above a supporting mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. T8S T8S R14W S13 S19 S24 R15W 1934.</p> <p>Add the marks 2006 to the brass cap.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

<p>CHAINS</p> <p>11.68</p>	<p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>Point for AP 1, sec. 13, identical to AP 1, sec. 19, T. 8 S., R. 14 W., at intersection with the southerly right-of-way of Interstate Highway No. 8.</p> <p>Set an alum. post, 24 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, in a supporting mound of stone, 10 ft. long, 5 ft. wide, 1 1/2 ft. high, with alum. cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr> <td></td> <td>T 8 S</td> <td></td> </tr> <tr> <td>R 15 W</td> <td> </td> <td>R 14 W</td> </tr> <tr> <td>S 13</td> <td> </td> <td>S 19</td> </tr> <tr> <td></td> <td> </td> <td>AP 1</td> </tr> </table> <p>2006</p> </div> <p>Deposit a magnet in a white plastic case at the base of the alum. post.</p> <p>Cor. is located at top of road cut, in small wash, 6 ft. deep, 9 ft. wide, drains N. 25° E., above E. bound lanes of Interstate Highway No. 8, under right-of-way fence bearing S. 89° E. and N. 89° W. Attach a Bureau of Land Management, standard sign, S-201, to the fence, nearby.</p> <p>From this point, the angle point bet. secs. 13 and 18, bears N. 0°55' W., 29.45 chs. dist., monumented with the rusted remains of a concrete core iron post, 1 in. diam., buried 20 ins. below the surface of a graded road, 30 ft. wide, bears S. 72° E. and N. 72° W., with a detached brass cap mkd. AP T8S S13 S18 R15W R14W 1934 buried alongside.</p> <p>From this same point, a station on the S. right-of-way of Interstate Highway No. 8, monumented with a bronze disc, 2 1/2 ins. diam., firmly set flush in a concrete collar, 6 ins. diam., projecting 7 ins. above the ground, with disc mkd. 2921+93.15 1966, with a white painted 4 in. angle iron guard post alongside, bears S. 88°33' E., 2.48 chs. dist., located in the right-of-way fence bearing S. 89° E. and N. 89° W.</p> <p>From this same point, a station on the S. right-of-way of Interstate Highway No. 8, monumented with a bronze disc, 2 1/2 ins. diam., firmly set flush in a concrete filled coffee can, flush with the ground, with disc mkd. 2918+24.73, with a white painted 4 in. angle iron guard post alongside, bears N. 88°33' W., 3.45 chs. dist., located in the right-of-way fence bearing S. 89° E. and N. 89° W.</p> <hr/>		T 8 S		R 15 W		R 14 W	S 13		S 19			AP 1
	T 8 S												
R 15 W		R 14 W											
S 13		S 19											
		AP 1											

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p align="center">Restoring the survey executed by Francis E. Joy and Robert H. Fischer, in 1934</p> <hr/> <p>From the cor. of secs. 25 and 36 only, on the E. bdy. of the Tp. S. 89°52' W., bet. secs. 25 and 36, generally descending over nearly level terrain.</p> <p>40.02 The 1/4 sec. cor. of secs. 25 and 36, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. S25 1/4 S36 1934, from which the remains of an orig. bearing tree</p> <p align="center">An ironwood, 12 ins. diam., bears S. 71 1/4° E., 2.53 chs. dist., with scribed roman numerals I/IV visible on partially healed blaze facing NE. (Record: S. 71° E., 251 lks.)</p> <p>Add the marks T8S R15W 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>Cor. is located 2 1/2 chs. W. of parallel track roads, 24 ft. wide, bears S. 20° E. and N. 20° W.</p> <hr/> <p>N. 89°59' W., beginning new measurement.</p> <p>40.18 The cor. of secs. 25, 26, 35 and 36, monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd. T8S R15W S26 S25 S35 S36 1934.</p> <p>Add the marks 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>Cor. is located 15 lks. W. of track road, 15 ft. wide, bears N. 10° E. and S. 40° W.</p> <hr/> <p>S. 89°50' W., bet. secs. 26 and 35, over nearly level terrain.</p> <p>40.23 The 1/4 sec. cor. of secs. 26 and 35, monumented with an iron post, 1 in. diam., loosely set, projecting 8 ins. above and rusted off 11 ins. below the ground.</p> <p>At the corner point</p> <p>Set an alum. post, 30 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with alum. cap mkd.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p align="center">T 8 S R 15 W S 26 1/4 ——— S 35</p> <p align="center">2006</p> <p>Deposit a magnet in a white plastic case at the base, and the 14 ins. long rusted remains inside, and the 19 ins. long rusted remains with brass cap alongside of the alum. post.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <hr/> <p>S. 89°47' W., beginning new measurement.</p> <p>40.21 The cor. of secs. 26, 27, 34 and 35, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. T8S R15W S27 S26 S34 S35 1934.</p> <p>Add the marks 2006 to the brass cap.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <hr/> <p align="center">Restoring the survey executed by Theodore F. White, in 1877</p> <hr/> <p>S. 89°58' W., bet. secs. 27 and 34, ascending into rolling sand dunes.</p> <p>40.20 The point for the 1/4 sec. cor. of secs. 27 and 34, at proportionate dist., there is no remaining evidence of the orig. cor.</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 align="center">T 8 S R 15 W S 27 1/4 ——— S 34</p> <p align="center">2006</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>From this cor. point, a Bureau of Reclamation iron post, 1 in. diam., firmly set, 2 ins. below ground, with brass cap mkd. S27 1/4 S34 1941, bears N. 3°21' W., 5.4 lks. dist. This cor. was established by improper procedure as recorded on Page 20, Book L-71 and Page 3, Book L-85 in the Yuma Area Office of the Bureau of Reclamation Survey Office, and is not utilized in the course of this resurvey.</p>												
80.41	<p>Point for the cor. of secs. 27, 28, 33 and 34, at proportionate dist., there is no remaining evidence of the orig. cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2">T 8 S</td> <td colspan="2">R 15 W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 28</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;">S 27</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 33</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;">S 34</td> <td></td> </tr> </table> </div> <p style="text-align: center; margin: 10px 0;">2006</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>From this cor. point, the cor. of secs. 33 and 34 only, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. T8S R15W S33 S34 S4 T9SR15W 1930, bears S. 0°09' E., 80.38 chs. dist. Add the marks 2006 to the brass cap. There is a cottonwood post, 3 ins. diam., 4 ft. long, with no marks laying loose alongside.</p> <p>From this same cor. point, the cor. of secs. 3, 4, 9 and 10, monumented with an iron post, 2 ins. diam., firmly set, 6 ins. below grade, with brass cap mkd. T8S R15W S4 S3 S9 S10 1934, bears N. 0°08' W., 321.52 chs. dist. Add the marks 2006 to the brass cap. This cor. is located on W. edge of a dirt road, 18 ft. wide, bears N. and S. and on the S. alignment of a dirt road, 20 ft. wide, extends W., and on N. alignment of a dirt road, 15 ft. wide, extends E.</p>	T 8 S		R 15 W		S 28		S 27		S 33		S 34	
T 8 S		R 15 W											
S 28		S 27											
S 33		S 34											

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>These control lines were fully retraced and careful search was made for evidence of intervening corners, none of which was recovered.</p> <p>From this same cor. point, a Bureau of Reclamation iron post, 2 ins. diam., firmly set, 17 ins. above ground, with brass cap mkd. T8S R15W S28 S27 S33 S34 1941, bears N. 3°48' E., 11.1 lks. dist. This cor. was established by improper procedure as recorded on Page 17, Book L-71 and Page 3, Book L-85 in the Yuma Area Office of the Bureau of Reclamation Survey Office, and is not utilized in the course of this resurvey.</p> <hr/> <p>From the cor. of secs. 32 and 33 only, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°02' W., bet. secs. 32 and 33, over rolling sand dunes.</p> <p>40.21 The 1/4 sec. cor. of secs. 32 and 33, occupied with a Bureau of Reclamation iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. 1/4 S32 S33 1941, as recorded on Page 45, Book L-53 and Page 2, Book L-85 in the Yuma Area Office of the Bureau of Reclamation Survey Office. This is accepted as a careful and faithful reestablishment of the orig. cor. position.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <hr/> <p>N. 0°02' W., beginning new measurement.</p> <p>40.21 The cor. of secs. 28, 29, 32 and 33, occupied with a Bureau of Reclamation iron post, 2 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. T8S R15W S29 S28 S32 S33 1941, as recorded on Page 35, Book L-53 and Page 3, Book L-85 in the Yuma Area Office of the Bureau of Reclamation Survey Office. This is accepted as a careful and faithful reestablishment of the orig. cor. position.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>From this cor. point, the cor. of secs. 16, 17, 20 and 21, monumented with an iron post, 2 ins. diam., firmly set, projecting 5 ins. above the ground, with a brass cap mkd. T8S R15W S17 S16 S20 S21 1934, with a 3 in. squared wood post, 33 ins. long, laying loose along side, bears N. 0°18' W., 160.86 chs. dist. Add the marks 2006 to the brass cap.</p>
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**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this same cor. point, the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with a Bureau of Reclamation iron post, 2 ins. diam., firmly set, 7 ins. below grade, with brass cap mkd. T8S R16W R15W S25 S30 S36 S31 1941, bears S. 89°51' W., 159.25 chs. dist., as recorded on Page 23, Book L- 46 and Page 4, Book L-78 in the Yuma Area Office of the Bureau of Reclamation Survey Office. This is accepted as a careful and faithful perpetuation of the orig. cor. position.</p> <hr/> <p>From the cor. of secs. 27, 28, 33 and 34.</p> <p>S. 89°59' W., bet. secs. 28 and 33, over rolling sand dunes.</p> <p>40.12 Point for the 1/4 sec. cor. of secs. 28 and 33, at proportionate dist., there is no remaining evidence of the orig. cor.</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 8 S R 15 W S 28 1/4 ——— S 33</p> <p style="text-align: center;">2006</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Set a steel fence post with attached, Bureau of Land Management, standard sign, S-201, nearby.</p> <p>From this cor. point, a Bureau of Reclamation iron post, 1 in. diam., firmly set, flush with the ground, with brass cap mkd. 1/4 S28 S33 1941, bears N. 78°35' W., 30.3 lks. dist. This cor. was established by improper procedure as recorded on Page 17, Book L-71 and Page 3, Book L-85 in the Yuma Area Office of the Bureau of Reclamation Survey Office, and is not utilized in the course of this resurvey.</p>
80.23	<p>The cor. of secs. 28, 29, 32 and 33.</p> <hr/>

T. 8 S., R. 15 W., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The purpose of this survey was to identify the boundary of that portion of the Barry M. Goldwater Military Reservation, managed by the Marine Corps. This survey is located southeast of the small community of Tacna AZ. Primary access is reached by turning south off of Interstate Highway No. 8 on a dirt road identified as Avenue 46 E. An undeveloped subdivision provided access to most points of the survey, with the remainder reached by cross country travel.

Elevations for the area range between 350 and 680 ft. above sea level. The higher elevations are on the east boundary, in the foothills of the Mohawk Mountains, the lower elevations in the nearly level terrain west of the sand dunes in the central portion of the project area. The vegetation is typical of the lower Sonoran Desert, with creosote and scattered grasses on the open ground and ironwood and mesquite along the drainages.

The mean magnetic declination of $11\ 3/4^\circ$ 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 2005 through 2010, for the dates of survey.

CERTIFICATE OF SURVEY

I, Geoffrey A. Graham, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 1st day of May, 2006 and supplemental special instructions bearing date of the 19th day of October, 2006, I have dependently resurveyed a portion of the south boundary, a portion of the east boundary and a portion of the subdivisional lines, T. 8 S., R. 15 W., of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

8-16-07

(Date)

Geoffrey A. Graham
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the south boundary, a portion of the east boundary and a portion of the subdivisional lines, T. 8 S., R. 15 W., of the Gila and Salt River Meridian, in the State of Arizona, executed by Geoffrey A. Graham, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

9/13/07

(Date)

Stephen H. Haman
(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. 8 S., R. 15 W., of the Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~