

ORIGINAL

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

FIELD NOTES
OF THE DEPENDENT RESURVEY OF
PORTIONS OF THE
WEST AND NORTH BOUNDARIES
AND
THE SURVEY OF A PORTION
OF THE SUBDIVISIONAL LINES
TOWNSHIP 3 SOUTH, RANGE 18 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Craig S. Dukart, Cadastral Surveyor

Under Special Instructions dated March 15, 2010, approved March 15, 2010, and Supplemental Special Instructions dated August 11, 2011, approved August 11, 2011, which provided for the surveys included under Group No. 1074, and assignment instructions dated August 11, 2011.

Survey commenced August 17, 2011

Survey completed October 6, 2011

INDEX DIAGRAM

TOWNSHIP 3 SOUTH RANGE 18 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of the north and west boundaries and the survey of portions of the subdivisional lines, Township 3 South, Range 18 East, Gila and Salt River Meridian, Arizona.

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

The north, west and a portion of the east boundaries, Township 3 South, Range 18 East, Gila and Salt River Meridian, were surveyed by H. L. Baldwin, Topographer, in 1915.

The north boundary and subdivisional lines, Township 4 North, Range 18 East, Gila and Salt River Meridian, were surveyed by Charles E. Hunter, U.S. Transitman, in 1933.

Only the north one mile of the east boundary was surveyed in 1915, by H.L. Baldwin. This line has subsequently been claimed by the San Carlos Reservoir. For the purpose of calculating a portion of the subdivisional lines, the east boundary is assumed to be true north and south.

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, the Special Instructions dated March 15, 2010, and the Supplemental Special Instructions dated August 11, 2011, for Group Number 1074, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic, fast static, and static global positioning system observations using Trimble Navigation 5700, 5800 and R8 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners. Identified corners were remonumented in their original positions.

The retracement data were thoroughly verified and only true line field notes are given herein.

The "standard monument" referred to in these notes is a stainless steel post, 28 ins. long, 2 1/2 ins. diam., with a brass cap. Unless otherwise indicated, a magnet in a white plastic case is deposited at the base of the stainless steel post.

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) DK7569 AZSF SAFFORD CORS ARP, DF5763 AZGB GILA COUNTY CORS ARP and DH4134 AZKR KEARNY CORS ARP.

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the section corner of sections 3, 4, 9 and 10 is as follows:</p> <p>Latitude: 33°11'37.74" N. Longitude: 110°30'04.48" W.</p> <p>The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the 1/4 section corner of section 6 and 7 is as follows:</p> <p>Latitude: 33°11'37.73" N. Longitude: 110°32'39.80" W.</p> <p>The mean magnetic declination is 10 1/2° E.</p>
	<hr/> <p>Dependent Resurvey of a Portion of the West Boundary, T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>Restoring the survey executed by H. L. Baldwin, in 1915</p> <hr/>
	<p>Beginning at the witness cor. to the cor. of secs. 1, 6, 7 and 12, T. 3 S., Rs. 17 and 18 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 15 ins. above the ground, with brass cap mkd. WC T3S R17E R18E S1 S6 S12 S7 1915, with a mound of stone, 3 ft. base, 3 ft. high, W. of cor.</p> <p>Build a supporting mound of stone, 3 ft. base, to cap.</p> <p>Add the marks 2011 to the brass cap.</p> <p>N. 0°04' E., on the W. bdy. of sec. 6.</p> <p>Over rolling terrain.</p>
0.50	True point for the cor. of secs. 1, 6, 7 and 12, determined at proportioned position; not monumented.
40.67	<p>The 1/4 sec. cor. of secs. 1 and 6, monumented with an iron post, 1 in. diam., firmly set, projecting 22 ins. above the ground, with brass cap mkd. 1/4 S1 S6 1915, with the remnants of a mound of stone, 3 ft. base, W. of cor.</p> <p>Add the marks T3S R17E R18E 2011 to the brass cap.</p> <p>Rebuild the mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>
	<hr/> <p>N. 0°04' W., beginning new measurement.</p> <p>Over rolling terrain.</p>

**Dependent Resurvey of a Portion of the West Boundary,
T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS

39.995

The cor. of Tps. 2 and 3 S., Rgs. 17 and 18 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. T2S R17E R18E S36 S31 S1 S6 T3S 1915 2001.

Add the marks 2011 to the brass cap.

**Dependent Resurvey of a Portion of the North Boundary,
T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
H. L. Baldwin, in 1915

From the cor. of secs. 33 and 34, T. 2 S., R. 18 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd. T2S R18E S33 S34 S4 S3 T3S 1915. This cor. is amended to function as the cor. of secs. 33 and 34 only, T. 2 S., R. 18 E.

Change the marks on the brass cap to read

T 2 S	R 18 E
S 33	S 34
S 3	
T 3 S	
2011	
1915	

West, on the S. bdy. of sec. 33, T. 2 S., R. 18 E.

Over rolling terrain.

1.475

Point for the closing cor. of secs. 3 and 4, hereinafter described.

40.01

The 1/4 sec. cor. of sec. 33 only, monumented with an iron post, 1 in. diam., projecting 17 ins. above the ground, with brass cap mkd. 1/4 S33 S4 1915.

Change the marks on the brass cap to read

Dependent Resurvey of a portion of the North Boundary
T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 2 S R 18 E 1/4 S 33 <hr style="width: 20%; margin: auto;"/> S 4 T 3 S 2011 1915 <hr style="width: 50%; margin: auto;"/>
	S. 89°57' W., beginning new measurement. Over rolling terrain.
1.455	Point for the 1/4 sec. cor. of sec. 4 only, hereinafter described.
1.60	Utility line, 3 strand, bears N. and S.
4.35	Coolidge Dam Road, paved, 28 ft. wide, bears N. 10° E. and S.
40.05	The cor. of secs. 32 and 33, monumented with an iron post, 3 ins. diam., firmly set, projecting 17 ins. above the ground, with brass cap mkd. T2S R18E S32 S33 S5 S4 1915, with a mound of stone, 2 ft. base, 1/2 ft. high, N. of the cor. This cor. is amended to function as the cor. of secs. 32 and 33 only, T. 2 S., R. 18 E. Change the marks on the brass cap to read <div style="text-align: center;"> T 2 S R 18 E S 32 S 33 <hr style="width: 20%; margin: auto;"/> S 4 T 3 S 2011 1915 </div>
	S. 89°59' W., on the S. bdy. of sec. 32, T. 2 S., R. 18 E. Over rolling terrain.
1.395	Point for the closing cor. of secs. 4 and 5, hereinafter described.
40.00	The 1/4 sec. cor. of sec. 32 only, monumented with an iron post, 1 in. diam., loosely set, projecting 20 ins. above the ground, with brass cap erroneously mkd. 1/4 S5 S32 1915, with S5 to the north and S32 to the south. Change the marks on the brass cap to read

Dependent Resurvey of a portion of the North Boundary
T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 2 S R 18 E 1/4 S 32</p> <hr style="width: 20%; margin: auto;"/> <p style="text-align: center;">S 5 T 3 S</p> <p style="text-align: center;">2011 1915</p> <p>Raise a supporting mound of stone, 5 ft. base, to brass cap.</p> <hr style="width: 20%; margin: auto;"/> <p>S. 89°58' W., beginning new measurement.</p> <p>Over rolling terrain.</p>
1.405	Point for the 1/4 sec. cor. of sec. 5 only, hereinafter described.
39.94	<p>The cor. of secs. 31 and 32, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. T2S R18E S31 S32 S6 S5 T3S 1915. This cor. is amended to function as the cor. of secs. 33 and 34 only, T. 2 S., R. 18 E.</p> <p>Change the marks on the brass cap to read</p> <p style="text-align: center;">T 2 S R 18 E S 31 S 32</p> <hr style="width: 20%; margin: auto;"/> <p style="text-align: center;">S 5 T 3 S</p> <p style="text-align: center;">2011 1915</p> <p>Build a supporting mound of stone, 3 ft. base, to cap.</p> <hr style="width: 20%; margin: auto;"/> <p>West, on the S. bdy. of sec. 31, T. 2 S., R. 18 E.</p> <p>Over rolling terrain.</p>
1.475	Point for the closing cor. of secs. 5 and 6, hereinafter described.
39.99	<p>The 1/4 sec. cor. of sec. 31 only, monumented with an iron post, 1 in. diam., broken off 1 in. above the ground, with the remaining 18 ins. laying loose alongside with brass cap mkd. 1/4 S31 S6 1915.</p> <p>At the corner point</p>

**Dependent Resurvey of a portion of the North Boundary
T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona**

CHAINS

Set a standard monument, 27 ins. in the ground, with brass cap mkd.

T 2 S R 18 E
1/4 S 31

S 6
T 3 S

2011

Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, N. of cor.

Deposit the remains of the orig. iron post alongside the stainless steel post.

S. 89°58' W., beginning new measurement.

Over rolling terrain.

1.485 Point for the 1/4 cor. of sec. 6 only, hereinafter described.

38.645 The cor. of secs. 1, 6, 31 and 36, hereinbefore described.

**Survey of a portion of the Subdivisional Lines
T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona**

Point for the cor. of secs. 3, 4, 9 and 10, determined N. 0°02' W., 400.00 chs. dist., from the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., hereinafter described.

At the corner point

Set a standard monument, 24 ins. in the ground, underpinned with an aluminum rod, 3/4 in. diam., 36 ins. long, 32 ins. in the ground, with brass cap mkd.

T 3 S R 18 E
S 4 | S 3

S 9 | S 10

2011

Hole backfilled with local rock and 150 pounds of cement.

Raise a mound of stone, 3 1/2 ft. base, 2 ft. high, W. of cor.

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Corner falls below the high water line of the San Carlos Reservoir. The reservoir is currently at 8 to 10 percent of its capacity.</p> <p>From this cor., the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., bears S. 0°02' E., 400.00 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 22 ins. above the ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd. T3S R18E S33 S34 S4 S3 T4S 1933.</p> <p>From which the remains of the orig. bearing tree</p> <p style="padding-left: 40px;">A dead juniper, 30 in. diam. trunk, 12 in. diam. branch, bears S. 45 1/2° E., 2.69 chs. dist., with scribe marks T4S R18E S3 BT faintly visible.</p> <p>Add the marks 2011 to the brass cap.</p> <p>N. 0°02' W., bet. secs. 3 and 4.</p> <p>Over rolling terrain.</p>
27.25	<p>Point for a witness point bet. secs. 3 and 4.</p> <p>Set a standard monument, 24 ins. in the ground, in a rock collar, with brass cap mkd.</p> <p style="text-align: center;">WP T 3 S R 18 E S 4 S 3 2011</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 3 and 4.</p> <p>Set a standard monument, 25 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 3 S R 18 E 1/4 S 4 S 3 2011</p>
80.265	<p>Intersect the north boundary of the township.</p> <p>Point for the closing cor. of secs. 3 and 4.</p> <p>Set a standard monument, 26 ins. in the ground, with brass cap mkd.</p>

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

T 2 S R 18 E
 S 33
 —————
 S 4 | S 3
 |
 CC
 T 3 S

 2011

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

From this cor. point, the cor. of secs. 33 and 34 only, T. 2 S., R. 18 E., bears East, 1.475 chs. dist., hereinbefore described.

From this same cor. point, the 1/4 sec. cor. of sec. 33 only, T. 2 S., R. 18 E., bears West, 38.535 chs. dist., hereinbefore described.

Terrain, rolling.

Soil, rocky.

Timber, none; undergrowth, various desert vegetation.

Point for the 1/4 cor. of sec. 4 only, T. 3 S., R. 18 E., at midpoint on the N. bdy. of sec. 4.

Set a standard monument, 24 ins. in the ground, in a collar of stone, with brass cap mkd.

T 2 S R 18 E
 S 33
 —————
 1/4 S 4
 T 3 S

 2011

From this cor. point, the 1/4 sec. cor. of sec. 33 only, T. 2 S., R. 18 E., bears N. 89°57' E., 1.455 chs. dist., hereinbefore described.

From this same cor. point, the cor. of secs. 33 and 34, T. 2 S., R. 18 E., bears S. 89°57' W., 38.595 chs. dist., hereinbefore described.

Point for the cor. of secs. 4, 5, 8 and 9, determined N. 0°02' W., 400.00 chs. dist., from the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinafter described.

Set a standard monument, 23 ins. in the ground, in a collar of stone, with brass cap mkd.

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS										
	<table border="1" style="margin: auto;"> <tr><td>T 3 S</td><td>R 18 E</td></tr> <tr><td>S 5</td><td>S 4</td></tr> <tr><td>S 8</td><td>S 9</td></tr> </table>	T 3 S	R 18 E	S 5	S 4	S 8	S 9			
T 3 S	R 18 E									
S 5	S 4									
S 8	S 9									
	2011									
	<p>From this cor., the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., bears S. 0°02' E., 400.00 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 25 ins. above the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. T3S R18E S32 S33 S5 S4 T4S 1933.</p> <p>From which the remains of the orig. bearing tree</p> <p style="padding-left: 40px;">A mesquite stump, 4 ft. high, 8 ins. diam., bears S. 72° W., 11 lks. dist., with no evidence of blaze or scribing.</p> <p>Add the marks 2011 to the brass cap.</p> <hr/> <p>From the cor. of secs. 3, 4, 9 and 10.</p> <p>S. 89°59' W., bet. secs. 4 and 9.</p> <p>Over rolling terrain.</p> <p>24.80 Top of steep ascent, bears SE and NW.</p> <p>24.99 Point for a witness point bet. secs. 4 and 9.</p> <p>Set a standard monument, 22 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td>WP</td></tr> <tr><td>T 3 S</td><td>R 18 E</td></tr> <tr><td>S 4</td><td></td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S 9</td><td></td></tr> </table> </div> <p style="text-align: center;">2011</p> <p>39.99 Point for the 1/4 sec. cor. of secs. 4 and 9. Falls at the base of a vertical face, 6 ft. high, at the north edge of a wash; not practicable to monument.</p> <p>From this point, the point selected for a witness cor., bears N. 64°02' E., 1.50 chs. dist.</p> <p>Set a standard monument, 27 ins. in the ground, with brass cap mkd.</p>	WP	T 3 S	R 18 E	S 4		<hr/>		S 9	
WP										
T 3 S	R 18 E									
S 4										
<hr/>										
S 9										

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">WC T 3 S R 18 E S 4 1/4 _____ S 9 ← 2011</p>
78.65	Road, paved, 24 ft. wide, bears N., curving westerly and S., curving westerly.
79.98	<p>The cor. of secs. 4, 5, 8 and 9.</p> <p>Terrain, rolling. Soil, rocky. Timber, none; undergrowth, various desert vegetation.</p> <hr/>
	<p>N. 0°02' W., bet. secs. 4 and 5.</p> <p>Over rolling terrain.</p>
15.00	Road, paved, 24 ft. wide, bears S. 45° E. and N. 45° W.
17.65	Coolidge Dam road, paved, 28 ft. wide, bears N. 40° E. and S. 40° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 4 and 5.</p> <p>Set a standard monument, 25 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T 3 S R 18 E 1/4 S 5 S 4 2011</p>
	Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.
80.25	<p>Intersect the north boundary of the township; point for the closing cor. of secs. 4 and 5.</p> <p>Set a standard monument, 26 ins. in the ground, with brass cap mkd.</p>

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

T 2 S	R 18 E
S 32	

S 5	S 4
CC	
T 3 S	

2011

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, S of cor.

From this cor. point, the cor. of secs. 32 and 33, T. 2 S., R. 18 E., bears N. 89°59' E., 1.395 chs. dist., hereinbefore described.

From this same cor. point, the 1/4 sec. cor. of sec. 33, T. 2 S., R. 18 E., bears S. 89°59' W., 38.605 chs. dist., hereinbefore described.

Terrain, rolling.

Soil, rocky.

Timber, none; undergrowth, various desert vegetation.

Point for the cor. of secs. 5, 6, 7 and 8, determined N. 0°03' W., 400.00 chs. dist., from the cor. of secs. 5, 6, 31 and 32, on the south boundary of the township, hereinafter described.

At the corner point

Set a standard monument, 25 ins. in the ground, with brass cap mkd.

T 3 S	R 18 E
S 6 S 5	

S 7	S 8

2011

Raise a mound of stone, 5 ft. base, 3 ft. high, W. of cor.

From this cor. the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., bears S. 0°03' E., 400.00 chs. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above the ground, in a mound of stone, 3 1/2 ft. base, to brass cap mkd. T3S R18E S31 S32 S6 S5 T4S 1933. Add the marks 2011 to the brass cap.

From the cor. of secs. 4, 5, 8 and 9.

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
	West, bet. secs. 5 and 8.
	Over rolling terrain.
0.60	Wash, 15 ft. wide, drains S. 35° W.
4.85	Unnamed paved road, on easterly side of Soda Canyon Trailer Park, 20 ft. wide, bears N. and S.
10.15	Unnamed paved road, on westerly side of Soda Canyon Trailer Park, 20 ft. wide, bears N. and S.
31.00	Coolidge Dam Road, paved, 20 ft. wide, bears S. 25° E. and N. 25° W.
40.015	Point for the 1/4 sec. cor. of secs. 4 and 9
	Set a standard monument, 26 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T 3 S R 18 E S 5 1/4 ——— S 8 2011</p>
80.03	The cor. of secs. 5, 6, 7 and 8.
	Terrain, rolling.
	Soil, rocky.
	Timber, none; undergrowth, various desert vegetation.
	N. 89°58' W., bet. secs. 6 and 7.
	Over rolling terrain.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 7
	Set a standard monument, 25 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T 3 S R 18 E S 6 1/4 ——— S 7 2011</p>
	Raise a mound of stone, 3 1/2 ft. base, 3 ft. high, N. of cor.
77.24	True point for the cor. of secs. 1, 6, 7 and 12.

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Terrain, rolling. Soil, rocky. Timber, none; undergrowth, various desert vegetation.</p> <hr/>
	<p>From the cor. of secs. 5, 6, 7 and 8. N. 0°03' W., bet. secs. 5 and 6. Over rolling terrain.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 4 and 5. Set a standard monument, 25 ins. in the ground, mkd.</p> <p style="text-align: center;">T 3 S R 18 E 1/4 S 6 S 5 2011</p>
80.23	<p>Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor. Intersect the N. bdy. of the Tp.; point for the closing cor. of secs. 5 and 6. Set a standard monument, 23 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 2 S R 18 E S 31 ----- S 6 S 5 CC T 3 S 2011</p>
	<p>From this cor. point, the cor. of secs. 31 and 32, T. 2 S., R. 18 E., bears East, 1.475 chs. dist., hereinbefore described. From this same cor. point, the 1/4 sec. cor. of sec. 31, T. 2 S., R. 18 E., bears West, 38.515 chs. dist., hereinbefore described. Terrain, rolling. Soil, rocky. Timber, none; undergrowth, various desert vegetation.</p> <hr/>
	<p>Point for the 1/4 sec. cor. of sec. 5 only, T. 3 S., R. 18 E., at midpoint on the N. bdy. of sec. 5.</p>

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

Set a standard monument, 25 ins. in the ground, with brass cap mkd.

T 2 S R 18 E
S 32

1/4 S 5
T 3 S

2011

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, S. of cor.

From this cor. point, the 1/4 sec. cor. of sec. 32 only, T. 2 S., R. 18 E., bears N. 89°58' E., 1.405 chs. dist., hereinbefore described.

From this same cor. point, the cor. of secs. 31 and 32, T. 2 S., R. 18 E., bears S. 89°58' W., 38.535 chs. dist., hereinbefore described.

Point for the 1/4 sec. cor. of sec. 6 only, T. 3 S., R. 18 E., at 40.00 chs. in westing from the closing cor. of secs. 5 and 6.

Set a standard monument, 27 ins. in the ground, mkd.

T 2 S R 18 E
S 31

1/4 S 6
T 3 S

2011

From this cor. point, the 1/4 sec. cor. of sec. 31 only, T. 2 S., R. 18 E., bears N. 89°58' E., 1.485 chs. dist., hereinbefore described.

From this same cor. point, the cor. of, Tps. 2 and 3 S., Rs. 17 and 18 E., bears S. 89°58' W., 37.16 chs. dist., hereinbefore described.

T. 3 S., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

This was the survey of secs. 4, 5 and 6. The terrain in these three sections is mostly rolling with numerous washes. A portion of section 4 falls below the ordinary high water line of the San Carlos Reservoir. The reservoir is currently at approximately 8 to 10 percent of its capacity.

The elevation varies from 2,600 to 3,300 feet above sea level. The soil is mostly gravel and rock. The vegetation is cacti, greasewood and native grasses throughout these secs.

The Coolidge Dam Road runs northeasterly and southwesterly through sections 4 and 5, with multiple dirt roads traversing throughout all three sections.

The mean magnetic declination of $10\ 1/2^\circ$ E. was derived from the National Geophysical Data Center's magnetic declination calculator, for the dates of the survey.

CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing the date of the 15th day of March, 2010, and supplemental special instructions bearing date of the 11th day of August, 2011, I have dependently resurveyed portions of the north and west boundaries, and surveyed a portion of the subdivisional lines, T. 3 S., R. 18 E., 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, 2009, and in specific manner described in the foregoing field notes.

1/23/12

(Date)

Craig S. Dukart

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of the north and west boundaries, and the survey of portions of the subdivisional lines, T. 3 S., R. 18 E., of the Gila and Salt River Meridian, in the State of Arizona, executed by Craig S. Dukart, 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. 3 S., R. 18 E., of the Gila and Salt River Meridian, in the State of Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~