

ORIGINAL

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

FIELD NOTES
OF THE
THE SURVEY OF
THE WEST AND NORTH BOUNDARIES
AND
A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 3 SOUTH, RANGE 21 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated January 18, 2011, approved January 18, 2011, which provided for the surveys included under Group No. 1090, and assignment instructions dated June 6, 2012.

Survey commenced June 25, 2012

Survey completed July 19, 2012

INDEX DIAGRAM

TOWNSHIP 3 SOUTH RANGE 21 EAST
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of the west and north boundaries and a portion of the subdivisional lines, Township 3 South, Range 21 East, Gila and Salt River Meridian, Arizona.

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

Joe R. Salazar and Craig C. Dukart surveyed the south boundary in 2011-2012. Christopher P. McDonald and Joe R. Salazar surveyed the East boundary in 2012.

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 January 18, 2012 for Group Number 1090, 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 R8 model receiver.

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) AI3680 COT1 TUCSON CORS ARP, DF7063 COT2 CITY OF TUCSON 2 CORS ARP and DK7569 AZSF SAFFORD CORS ARP. The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the corner of sections 13, 18, 19 and 24, on the east boundary of the township is as follows:

Latitude: 33°09'52.30" N. Longitude: 110°08'17.16" W.

The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the corner of Townships 2 and 3 South, Ranges 20 and 21 East, is as follows:

Latitude: 33°12'28.99" N. Longitude: 110°14'28.79" W.

The mean magnetic declination is 10 1/4° E.

**Survey of the West Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona**

Beginning at the cor. of Tps. 3 and 4 S., Rs. 20 and 21 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T3S R20E R21E S36 S31 S1 S6 T4S 2011. An accessory mound of stone, 3 ft. base, 3 ft. high is S. of the cor.

Add the marks 2012 to the brass cap.

Survey of the West Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>North, bet. secs. 31 and 36, on the W. bdy. of the Tp.</p> <p>Descending, over foothills of the Santa Teresa mountains.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 31 and 36.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 3 S 1/4 R 20 E R 21 E S 36 S 31</p> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
80.00	<p>Point for the cor. of secs. 25, 30, 31 and 36.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 3 S R 20 E R 21 E S 25 S 30 <hr/>S 36 S 31</p> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, heavy rolling. Soil, gravelly and sandy. Timber, scattered mesquite and palo negro; undergrowth, prickly pear, cats-claw and bunch grass.</p> <hr/> <p>North, bet. secs. secs. 25 and 30, on the W. bdy. of the Tp.</p> <p>Descending, over rolling land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 25 and 30.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>

Survey of the West Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 3 S 1/4 R 20 E R 21 E S 25 S 30 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. From this cor. point, the well head, with adjacent windmill and storage tanks at Charley Well, bears N. 62°05' E., 16.55 chs. dist.
42.00	Main channel of Calva Wash, 60 lks. wide, drains N. 45° E.
80.00	Point for the cor. of secs. 19, 24, 25 and 30. 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 3 S R 20 E R 21 E S 24 S 19 S 25 S 30 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Land, heavily rolling. Soil, gravelly and sandy. Timber, scattered mesquite and palo verde; undergrowth, prickly pear, cats-claw and bunch grass.
	<hr/> North, bet. secs. 19 and 24, on the W. bdy. of the Tp. Descending, over rolling land.
0.95	Barbed wire fence, bears S. 76° E. and N. 76° W.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.

Survey of the West Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 3 S 1/4 R 20 E R 21 E S 24 S 19 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	Point for the cor. of secs. 13, 18, 19 and 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.
	T 3 S R 20 E R 21 E S 13 S 18 S 24 S 19 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Land, rolling. Soil, gravelly. Timber, scattered mesquite; undergrowth, creosote and bunch grass.
	North, bet. secs. secs. 13 and 18, on the W. bdy. of the Tp. Descending, over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 13 and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.
	T 3 S 1/4 R 20 E R 21 E S 13 S 18 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	Point for the cor. of secs. 7, 12, 13 and 18.

Survey of the West Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS									
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">T 3 S</td> </tr> <tr> <td style="text-align: center;">R 20 E</td> <td style="text-align: center;">R 21 E</td> </tr> <tr> <td style="text-align: center;">S 12</td> <td style="text-align: center;">S 7</td> </tr> <tr> <td style="text-align: center;">S 13</td> <td style="text-align: center;">S 18</td> </tr> </table> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, rolling. Soil, gravelly and sandy. Timber, mesquite; undergrowth, creosote, Mormon tea and bunch grass.</p> <hr/> <p>North, bet. secs. secs. 7 and 12, on the W. bdy. of the Tp.</p> <p>Descending, over rolling land.</p>	T 3 S		R 20 E	R 21 E	S 12	S 7	S 13	S 18
T 3 S									
R 20 E	R 21 E								
S 12	S 7								
S 13	S 18								
40.00	<p>Point for the 1/4 sec. cor. of secs. 7 and 12.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">T 3 S</td> </tr> <tr> <td colspan="2" style="text-align: center;">1/4</td> </tr> <tr> <td style="text-align: center;">R 20 E</td> <td style="text-align: center;">R 21 E</td> </tr> <tr> <td style="text-align: center;">S 12</td> <td style="text-align: center;">S 7</td> </tr> </table> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>	T 3 S		1/4		R 20 E	R 21 E	S 12	S 7
T 3 S									
1/4									
R 20 E	R 21 E								
S 12	S 7								
51.52	<p>Coolidge Dam road, asphalt surfaced, 20 ft. wide, bears S. 42° E. and N. 42° W., thence; enter dense mesquite.</p>								
55.53	<p>El Paso Natural Gas Co., underground gas line, bears S. 45° E. and N. 45° W.</p>								
55.76	<p>El Paso Natural Gas Co., underground gas line, bears S. 45° E. and N. 45° W.</p>								
60.00	<p>Point for the N. 1/16 sec. cor. of secs. 7 and 12.</p> <p>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.</p>								

Survey of the West Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 3 S R 20 E R 21 E N 1/16 S 12 S 7 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
64.00	Enter flood plain of Gila River, leave dense mesquite, enter dense salt cedar, edge bears SE and NW.
80.00	Point for the cor. of secs. 1, 6, 7 and 12, within dense salt cedar, impracticable to monument.
	Land, 64 chs. rolling, 16 chains Gila River flood plain. Soil, gravelly and sandy. Timber, mesquite, salt cedar; undergrowth, creosote.
	North, bet. secs. 1 and 6, on the W. bdy. of the Tp. Over dense salt cedar, within Gila River flood plain.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 6, within dense salt cedar, impracticable to monument.
59.70	Exit flood plain of Gila River, leave dense salt cedar, enter dense mesquite, edge bears SE and NW.
60.00	Point for the N. 1/16 sec. cor. of secs. 1 and 6.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 3 S R 20E R 21 E N 1/16 S 1 S 6 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
68.00	Leave dense mesquite, edge bears SE and NW.
71.45	Downed, barbed wire fence, bears S. 70° E. and N. 70° W.
72.29	Arizona Eastern Railroad, single track, bears S. 70° E., curving southerly and N. 70° W.

**Survey of the West Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS																															
72.70	Downed, barbed wire fence, bears S. 70° E. and N. 70° W.																														
80.00	<p>Point for the cor. of Tps. 2 and 3 S., Rs. 20 and 21 E.</p> <p>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.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 0 5px;">T</td><td style="padding: 0 5px;">2</td><td style="padding: 0 5px;">S</td></tr> <tr><td style="padding: 0 5px;">R</td><td style="padding: 0 5px;">20</td><td style="padding: 0 5px;">E</td></tr> <tr><td style="padding: 0 5px;">S</td><td style="padding: 0 5px;">36</td><td style="padding: 0 5px;">S</td></tr> <tr><td style="padding: 0 5px;">S</td><td style="padding: 0 5px;">1</td><td style="padding: 0 5px;">S</td></tr> <tr><td style="padding: 0 5px;">T</td><td style="padding: 0 5px;">3</td><td style="padding: 0 5px;">S</td></tr> </table> </div> <p style="text-align: center; margin: 10px 0;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, 20 chs. rolling, 60 chains Gila River flood plain. Soil, gravelly and sandy. Timber, mesquite, salt cedar; undergrowth, creosote.</p> <hr style="width: 60%; margin: 20px auto;"/> <div style="text-align: center; margin: 10px auto;"> <p>Survey of the North Boundary, T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona</p> </div> <p>From the cor. of Tps. 2 and 3 S., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. T2S R21E R22E S36 S31 S1 S6 T3S 2012.</p> <p>West, bet. secs. 1 and 36, on the N. bdy. of the Tp.</p> <p>Across south facing spurs and southerly draining draws.</p>	T	2	S	R	20	E	S	36	S	S	1	S	T	3	S															
T	2	S																													
R	20	E																													
S	36	S																													
S	1	S																													
T	3	S																													
40.00	<p>Point for the 1/4 sec. cor. of secs. 1 and 36.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td style="padding: 0 5px;">T</td><td style="padding: 0 5px;">2</td><td style="padding: 0 5px;">S</td><td style="padding: 0 5px;">R</td><td style="padding: 0 5px;">21</td><td style="padding: 0 5px;">E</td></tr> <tr><td></td><td></td><td></td><td style="padding: 0 5px;">S</td><td style="padding: 0 5px;">36</td><td></td></tr> <tr><td></td><td></td><td></td><td style="padding: 0 5px;">1/4</td><td style="padding: 0 5px;">—</td><td></td></tr> <tr><td></td><td></td><td></td><td style="padding: 0 5px;">S</td><td style="padding: 0 5px;">1</td><td></td></tr> <tr><td></td><td></td><td></td><td style="padding: 0 5px;">T</td><td style="padding: 0 5px;">3</td><td style="padding: 0 5px;">S</td></tr> </table> </div> <p style="text-align: center; margin: 10px 0;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>	T	2	S	R	21	E				S	36					1/4	—					S	1					T	3	S
T	2	S	R	21	E																										
			S	36																											
			1/4	—																											
			S	1																											
			T	3	S																										

Survey of the North Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS											
80.00	<p>Point for the cor. of secs. 1, 2, 35 and 36.</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> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 5px;">T 2 S</td> <td style="padding: 0 5px;">R 21 E</td> </tr> <tr> <td style="padding: 0 5px; border-right: 1px solid black;">S 35</td> <td style="padding: 0 5px;">S 36</td> </tr> <tr> <td style="padding: 0 5px; border-right: 1px solid black;">S 2</td> <td style="padding: 0 5px;">S 1</td> </tr> <tr> <td colspan="2" style="padding: 0 5px;">T 3 S</td> </tr> </table> </div> <p style="text-align: center;">2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, heavily rolling. Soil, gravelly. Timber, mesquite, palo negro, scattered saguaro; undergrowth, creosote and bunch grass.</p> <hr style="width: 50%; margin: 10px auto;"/> <p>West, bet. secs. 2 and 35, on the N. bdy. of the Tp.</p> <p>Across south facing spurs and southerly draining draws.</p>	T 2 S	R 21 E	S 35	S 36	S 2	S 1	T 3 S			
T 2 S	R 21 E										
S 35	S 36										
S 2	S 1										
T 3 S											
40.00	<p>Point for the 1/4 sec. cor. of secs. 2 and 35.</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> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 5px;">T 2 S</td> <td style="padding: 0 5px;">R 21 E</td> </tr> <tr> <td></td> <td style="padding: 0 5px;">S 35</td> </tr> <tr> <td style="padding: 0 5px;">1/4</td> <td style="padding: 0 5px;">—</td> </tr> <tr> <td></td> <td style="padding: 0 5px;">S 2</td> </tr> <tr> <td colspan="2" style="padding: 0 5px;">T 3 S</td> </tr> </table> </div> <p style="text-align: center;">2012</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, 1 1/2 ft. high, N. of cor.</p>	T 2 S	R 21 E		S 35	1/4	—		S 2	T 3 S	
T 2 S	R 21 E										
	S 35										
1/4	—										
	S 2										
T 3 S											
75.90	<p>Graded road, 12 ft. wide, bears N. 35° E. and S. 35° W.</p>										
80.00	<p>Point for the cor. of secs. 2, 3, 34 and 35.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.</p>										

Survey of the North Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS											
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 10px;">T 2 S</td> <td style="padding: 0 10px;">R 21 E</td> </tr> <tr> <td style="padding: 0 10px; border-right: 1px solid black;">S 34</td> <td style="padding: 0 10px;">S 35</td> </tr> <tr> <td style="padding: 0 10px; border-right: 1px solid black;">S 3</td> <td style="padding: 0 10px;">S 2</td> </tr> <tr> <td colspan="2" style="padding: 0 10px; text-align: center;">T 3 S</td> </tr> </table> <p style="text-align: center; margin-top: 10px;">2012</p>	T 2 S	R 21 E	S 34	S 35	S 3	S 2	T 3 S			
T 2 S	R 21 E										
S 34	S 35										
S 3	S 2										
T 3 S											
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, heavy rolling. Soil, gravelly. Timber, palo verde; undergrowth, creosote and Mormon tea.</p> <hr style="width: 60%; margin: 10px auto;"/> <p>West, bet. secs. 3 and 34, on the N. bdy. of the Tp.</p> <p>Descending over heavily rolling land.</p>										
27.60	Left edge of flood plain, Five Mile Wash, drains S. 40° W.										
34.70	Right edge of flood plain, Five Mile Wash, drains S. 30° W.										
40.00	<p>Point for the 1/4 sec. cor. of secs. 3 and 34.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>										
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 10px;">T 2 S</td> <td style="padding: 0 10px;">R 21 E</td> </tr> <tr> <td colspan="2" style="padding: 0 10px;">S 34</td> </tr> <tr> <td colspan="2" style="padding: 0 10px;">1/4 ———</td> </tr> <tr> <td colspan="2" style="padding: 0 10px;">S 3</td> </tr> <tr> <td colspan="2" style="padding: 0 10px;">T 3 S</td> </tr> </table> <p style="text-align: center; margin-top: 10px;">2012</p>	T 2 S	R 21 E	S 34		1/4 ———		S 3		T 3 S	
T 2 S	R 21 E										
S 34											
1/4 ———											
S 3											
T 3 S											
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>										
66.20	Graded road, 12 ft. wide, bears N. 5° E. and S. 5° W.										
79.90	Graded road, 12 ft. wide, bears N. and S.										
80.00	<p>Point for the cor. of secs. 3, 4, 33 and 34.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.</p>										

Survey of the North Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 2 S R 21 E S 33 S 34 ----- S 4 S 3 T 3 S 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Land, heavily rolling. Soil, gravelly. Timber, mesquite; undergrowth, creosote and Mormon tea.
	West, bet. secs. 4 and 33, on the N. bdy. of the Tp. Over heavily rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, through bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T 2 S R 21 E S 33 1/4 ——— S 4 T 3 S 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
52.30	2 wire power line, bears S. 57° E. and N. 57° W.
53.25	Barbed wire fence, bears S. 57° E. and N. 57° W.
55.52	Northerly edge of pavement, U.S. Highway No. 70, 36 ft. wide, bears S. 57° E. and N. 57° W.
56.48	Southerly edge of pavement, U.S. Highway No. 70, 36 ft. wide, bears S. 57° E. and N. 57° W.
58.70	Barbed wire fence, bears S. 57° E. and N. 57° W.
80.00	Point for the cor. of secs. 4, 5, 32 and 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

Survey of the North Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 2 S R 21 E S 32 S 33 S 5 S 4 T 3 S 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Land, rolling. Soil, gravelly and sandy. Timber, mesquite, palo negro and palo verde; undergrowth, creosote and Mormon tea.
	<hr/> West, bet. secs. 5 and 32, on the N. bdy. of the Tp. Over rolling and broken land.
22.40	Left edge of flood plain, Bone Wash, drains S.
32.40	Right edge of flood plain, Bone Wash, drains S.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	T 2 S R 21 E S 32 1/4 ——— S 5 T 3 S 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
49.60	Graded road, 12 ft. wide, bears S. 10° E. and N. 10° W.
80.00	Point for the cor. of secs. 5, 6, 31 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.

Survey of the North Boundary,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 2 S R 21 E S 31 S 32 ----- S 6 S 5 T 3 S
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Land, rolling. Soil, gravelly. Timber, mesquite and palo verde; undergrowth, creosote.

	West, bet. secs. 6 and 31, on the N. bdy. of the Tp.
	Descending, over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 31. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.
	T 2 S R 21 E S 31 1/4 ----- S 6 T 3 S
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
47.90	Left bank of wash, 8 ft. deep, drains S. 5° W.
48.60	Right bank of same wash, drains S. 5° E.
75.70	Graded road, 10 ft. wide, bears S. 30° E. and N. 30° W.
78.50	The cor. of Tps. 2 and 3 S., Rs. 20 and 21 E., hereinbefore described.

Survey of a Portion of the Subdivisional Lines,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the cor. of secs. 13, 18, 19 and 24, on the E. 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. T3S R21E R22E S13 S18 S24 S19 2012.</p> <p>West, bet. secs. 13 and 24.</p> <p>Over bottomlands.</p>
40.00	True point for the 1/4 sec. cor. of secs. 13 and 24; falls within a gulch, 15 ft. deep, drains N. 15° W., where it is impracticable to establish a permanent monument.
41.50	<p>Point selected for the witness cor. to the 1/4 sec. cor. of secs. 13 and 24.</p> <p>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.</p> <p style="text-align: center;">WC T 3 S R 21 E S 13 1/4 ——— S 24 2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
51.65	El Paso Natural Gas Co., underground gas line, bears S. 56° E. and N. 56° W.
51.90	El Paso Natural Gas Co., underground gas line, bears S. 56° E. and N. 56° W.
59.55	2 wire power line, bears S. 62° E. and N. 62° W.
62.35	Coolidge Dam road, asphalt surfaced, 20 ft. wide, bears S. 62° E. and N. 62° W.
65.65	Arizona Eastern Railroad, single track, bears S. 62° E. and N. 62° W.
67.30	Barbed wire fence, bears S. 62° E. and N. 62° W.; thence enter dense creosote.
80.00	True point for the cor. of secs. 13, 14, 23 and 24, falls upon the right bank of gulch, 12 ft. high, drains N. 10° W., where it is impracticable to establish a permanent monument.

Survey of a Portion of the Subdivisional Lines,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS							
	<p>Land, nearly level bottomland. Soil, sandy. Timber, mesquite; undergrowth, creosote.</p> <hr/> <p>N. 0°01' W., bet. secs. 13 and 14.</p>						
0.50	<p>Point selected for a witness cor. to the cor. of secs. 13, 14, 23 and 24.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>WC</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 5px;">T 3 S</td> <td style="border-left: 1px solid black; padding: 0 5px;">R 21 E</td> </tr> <tr> <td style="padding: 0 5px;">S 14</td> <td style="border-left: 1px solid black; padding: 0 5px;">S 13</td> </tr> <tr> <td style="padding: 0 5px;">S 23</td> <td style="border-left: 1px solid black; padding: 0 5px;">S 24</td> </tr> </table> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>	T 3 S	R 21 E	S 14	S 13	S 23	S 24
T 3 S	R 21 E						
S 14	S 13						
S 23	S 24						
7.50	<p>Arizona Eastern Railroad, single track, bears S. 62° E. and N. 62° W.</p>						
9.20	<p>Coolidge Dam road, asphalt surfaced, 20 ft. wide, bears S. 62° E. and N. 62° W.</p>						
10.90	<p>2 wire power line, bears S. 62° E. and N. 62° W.; enter dense mesquite.</p>						
18.88	<p>El Paso Natural Gas Co., underground gas line, bears S. 56° E. and N. 56° W.</p>						
19.02	<p>El Paso Natural Gas Co., underground gas line, bears S. 56° E. and N. 56° W.</p>						
24.90	<p>Point selected for a witness point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 5px;">T 3 S</td> <td style="border-left: 1px solid black; padding: 0 5px;">R 21 E</td> </tr> <tr> <td style="padding: 0 5px;">S 14</td> <td style="border-left: 1px solid black; padding: 0 5px;">S 13</td> </tr> </table> <p>2012</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>	T 3 S	R 21 E	S 14	S 13		
T 3 S	R 21 E						
S 14	S 13						

Survey of a Portion of the Subdivisional Lines,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
25.50	Enter flood plain of Gila River, leave dense mesquite, enter dense salt cedar, edge bears SE and NW.
40.00	Point for the 1/4 sec. cor. of secs. 13 and 14, within dense salt cedar, impracticable to monument.
80.00	Point for the cor. of secs. 11, 12 13 and 14, within dense salt cedar, impracticable to monument. Land, nearly level bottomland. Soil, sandy. Timber, mesquite and salt cedar; undergrowth creosote.

	From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. T3S R21E R22E S12 S7 S13 S18 2012.
	West, bet. secs. 12 and 13.
	Slight descent, through mesquite and creosote.
40.00	Point for the 1/4 sec. cor. of secs. 12 and 13. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 3 S R 21 E S 12 1/4 ——— S 13 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
49.75	Barbed wire fence, bears S. to intersection with box culvert, and N.
50.49	Northerly edge of pavement, U.S. Highway No. 70, 36 ft. wide, bears S. 57° E. and N. 57° W.
51.46	Southerly edge of pavement, U.S. Highway No. 70, 36 ft. wide, bears S. 57° E. and N. 57° W.
53.75	Barbed wire fence, bears S. 57° E. and N. 57° W.
66.50	Point selected for a witness point. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, in a collar of stone, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	WP T 3 S R 21 E S 12 <hr style="width: 10%; margin: auto;"/> S 13 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Cor. is located on the northerly edge of the flood plain of the Gila River, bears S. 60° E. and N. 60° W., leave dense mesquite, enter dense salt cedar.
80.00	The true point for the cor. of secs. 11, 12, 13 and 14. Land, nearly level bottomland. Soil, sandy. Timber, mesquite and salt cedar; undergrowth creosote.
	<hr style="width: 80%; margin: auto;"/> N. 0°01' W., bet. secs. 11 and 12.
	Over flood plain of Gila River, through dense salt cedar.
11.50	Exit flood plain Gila River, leave dense salt cedar, enter dense mesquite.
12.00	Point selected for a witness point. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, in a collar of stone, with brass cap mkd.
	WP T 3 S R 21 E S 11 S 12 2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
17.15	Barbed wire fence, bears S. 57° E. and N. 57° W.
18.62	Southerly edge of pavement, U.S. Highway No. 70, 36 ft. wide, bears S. 57° E. and N. 57° W.
19.26	Northerly edge of pavement, U.S. Highway No. 70, 36 ft. wide, bears S. 57° E. and N. 57° W.
20.75	Barbed wire fence, bears S. 57° E. and N. 57° W.

Survey of a Portion of the Subdivisional Lines,
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CHAINS	
40.00	<p>Point for the 1/4 sec. cor. of secs. 11 and 12.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 3 S R 21 E 1/4 S 11 S 12 2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
80.00	<p>Point for the cor. of secs. 1, 2, 11 and 12.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 3 S R 21 E S 2 S 1 S 11 S 12 2012</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Land, nearly level bottomland for 12 chs., remainder rolling, Soil, sandy in bottomlands, remainder gravelly. Timber, salt cedar and mesquite in bottomlands, remainder creosote.</p>
40.00	<p>From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T3S R21E R22E S1 S6 S12 S7 2012.</p> <p>West, bet. secs. 1 and 12.</p> <p>Across south facing spurs and southerly draining draws.</p> <p>Point for the 1/4 sec. cor. of secs. 1 and 12.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p>

Survey of a Portion of the Subdivisional Lines,
T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 3 S R 21 E S 1 1/4 ——— S 12</p> <p style="text-align: center;">2012</p>
80.00	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>The cor. of secs. 1, 2, 11 and 12.</p> <p>Land, rolling and broken. Soil, gravelly. Timber, mesquite; undergrowth, creosote.</p> <hr/>
	<p>N. 0°01' W., bet. secs. 1 and 2.</p> <p>Ascending, over broken land.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 1 and 2.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.</p>
	<p style="text-align: center;">T 3 S R 21 E 1/4 S 2 S 1</p> <p style="text-align: center;">2012</p>
80.00	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., hereinbefore described.</p> <p>Land, rolling and broken. Soil, gravelly. Timber, mesquite; undergrowth, creosote.</p> <hr/>

T. 3 S., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

Township 3 South, Range 21 East is within the San Carlos Apache Indian Reservation. The settlement of Bylas is adjacent to the east boundary of the township. The Gila River enters the township near the corner of sections 13, 18, 19 and 24, on the east boundary, flows in a WNW direction and exits the township near the corner of sections 1, 6, 7 and 12 on the west boundary.

The areas north of the Gila River, are composed of south facing spurs and southerly draining draws. Areas south of the Gila River are within the foothills of the Santa Teresa mountains, with numerous washes draining south. A swath of salt cedar about 1/2 mile wide on either side of the Gila River renders foot access to the river improbable. Dense stands of mesquite are north and south of the salt cedars. The remaining; rolling and broken land is dominated by creosote, cats claw, prickly pear and bunch grasses. Elevations range from about 2300 ft. to 4000 ft., NAVD 88.

U.S. Highway No. 70, enters the township near the 1/4 section corner of sections 13 and 18 on the east boundary of the township, runs in a NW direction and exits the township near the corner of sections 4, 5, 32 and 33 on the north boundary of the Tp. The Arizona Eastern Railroad and the Coolidge Dam road, are about 1/2 mile south of the thread of the Gila River and parallel with it. El Paso Natural Gas Company controls 2 underground gas lines, that enter the township near 1/4 section corner of sections 19 and 24 on the east boundary of the township, are suspended across the Gila River in sections 8, return underground and exit the township near the 1/4 section corner 7 and 12 on the west boundary of the township. Several graded roads throughout the surveyed area provide access to parts of the township. In the past cattle raising was the dominant use of the land. An inoperable well, windmill and storage tanks, downed fences and an abandoned ranch house, are located in section 30.

The magnetic declination of 10 1/4° E. was derived from the National Oceanic and Atmospheric Administration, on line magnetic field calculator for a date of the survey.

