

ORIGINAL

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

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY, A PORTION

OF THE SUBDIVISIONAL LINES, A PORTION OF THE SUBDIVISION

OF SECTIONS 19 AND 30, AND TRACT 37

AND

THE SURVEY OF THE EAST AND WEST CENTER LINE

OF THE NORTHEAST QUARTER OF SECTION 30

**TOWNSHIP 8 SOUTH, RANGE 22 WEST,**

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

**EXECUTED BY**

**Gordon R. Bubel, Cadastral Surveyor**

Under Special Instructions dated February 9, 2009, approved February 9, 2009, which provided for the surveys included under Group No. 1060, and assignment instructions dated February 9, 2009.

**Survey commenced March 9, 2009**

**Survey completed April 2, 2009**

**INDEX DIAGRAM**

TOWNSHIP 8 SOUTH                      RANGE 22 WEST  
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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**T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS

The following field notes describe the dependent resurvey of a portion of the west boundary, a portion of the subdivisional lines, a portion of the subdivision of sections 19 and 30 and Tract 37 and the survey of the east and west center line of the northeast quarter of section 30, in Township 8 South, Range 22 West, Gila and Salt River Meridian, Arizona.

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

Theodore F. White surveyed the exterior boundaries and the subdivisional lines in 1874. Quintin Campbell resurveyed a portion of the west boundary in 1949. In 1960-1961, Gerald F. Pittman, Robert S. Kaiser and Donald A. Cannon, under the supervision of Robert C. Yundt, resurveyed a portion of the subdivisional lines, subdivided section 30, and surveyed the north and south center lines of section 19. In 1960-1962, Donald A. Cannon, Gerald F. Pittman and Leonard W. Murphy, resurveyed a portion of the west boundary, under the same group as the aforementioned 1960-1961 survey. Ray Harpin in 1972-1977, dependently resurveyed the south and east boundaries of section 19, and the north and south center line of section 19, surveyed the east and west center line of section 19, subdivided the southeast quarter of section 19, and surveyed Tract 37.

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 February 9, 2009, for Group Number 1060, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 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 second order U. S. Coast and Geodetic Survey triangulation station "FEDER RESET 1969", as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the 1/4 section corner of sections 29 and 30, is as follows:

Latitude: 32°42'22.68" N.

Longitude: 114°32'50.30" W.

**T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS

The mean magnetic declination is  $11 \frac{3}{4}^{\circ}$  E.

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**Dependent Resurvey of a Portion of the West Boundary,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

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Restoring the resurvey executed by Quintin Campbell, in 1949 and the resurvey executed by Donald A Cannon, Gerald F. Pittman and Leonard W. Murphy in 1960-1962

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Beginning at the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with a Bureau of Reclamation iron post, 2 ins. diam., set 30 ins. below the surface of ground, bent over 6 ins. to the N., with an unreadable brass cap, a rebar, 18 ins. long, 1/2 in. diam., set 22 ins. in the ground, is set atop the iron post. This is accepted as a careful and faithful perpetuation of the position of the orig. cor. Not remonumented.

Cor. is located at the intersection of paved Yuma County road 4 E., bearing S. and graded farm roads bearing N., E. and W.

N.  $0^{\circ}04'$  W., bet. secs. 19 and 24, on the W. bdy. of the Tp.

Along graded road, between cultivated fields.

19.98 Point for the S. 1/16 sec. cor. of secs. 19 and 24.

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

T 8 S  
R 23 W R 22 W  
S 1/16  
S 24 | S 19

2009

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

Set a steel fence post, with BLM sign S-201 attached, alongside and NE of the cor.

Cor. is located in a graded, inclined road.

From this cor. point, a tapered iron pin, 12 ins. long, 1/2 in. diam. at top, set 16 ins. in the ground, bears S.  $0^{\circ}14'$  E., 2 lks. dist., origin unknown.

**Dependent Resurvey of a Portion of the West Boundary,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
21.30	Graded road atop South Gila Valley Levee, 25 ft. wide, bears E. and W.
22.275	Point for the meander cor. of secs. 19 and 24, at proportionate dist., established in the 1960-1962 dependent resurvey, on the left bank of the Colorado River, there is no remaining evidence of the 1960 monument. Not remonumented.
22.30	South edge of concrete irrigation canal, bears E. and W.
22.80	North edge of same irrigation canal, thence enter dense brush.
35.20	Left bank of the Colorado River, bears S. 85° E. and N. 85° W.
38.00	Right bank of the Colorado River, bears S. 85° E. and N. 85° W.
39.96	<p>Point for the 1/4 sec. cor. of secs. 19 and 24.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, seated in cement, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 8 S 1/4 R 23 W   R 22 W S 24   S 19</p> <p>2009</p> </div> <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 BLM sign S-160 attached, alongside and SE of the cor.</p> <p>This corner was found to be within the Colorado River in the 1949 and 1960-1962 dependent resurveys.</p>
42.30	Left bank of manmade diversion channel, bears SE and NW.
44.10	Right bank of same diversion channel, bears SE and NW.
45.00	At proportionate dist., the record call from the 1960-1962 dependent resurvey, to the right bank of the Colorado River, identical with the point for the meander cor. of secs. 19 and 24.
45.80	Bladed farm road, 10 ft. wide, bears E. and W., leave brush, enter lemon grove.

**Dependent Resurvey of a Portion of the West Boundary,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
46.94	Point for the witness cor. to the 1/4 sec. cor. of secs. 19 and 24, at proportionate dist., established in the 1949 dependent resurvey, and recovered in the 1960-1962 dependent resurvey, falls within a lemon grove, there is no remaining evidence of the 1949 monument. Not remonumented.
47.04	Point for the witness cor. to the meander cor. of secs. 19 and 24, at proportionate dist., established in the 1949 dependent resurvey and recovered in the 1960-1962 dependent resurvey, falls within a lemon grove, there is no remaining evidence of the 1949 monument. Not remonumented.
59.95	Center of concrete irrigation canal, 8.5 ft. wide, bears E. and W.
77.40	Bladed farm road, 10 ft. wide, bears E. and W., leave lemon grove.
78.18	Point for the center line of the North Gila Valley levee, at proportionate dist., established by the Bureau of Reclamation, and recovered in the 1960-1962 dependent resurvey, there is no remaining evidence of the monument. Not remonumented.
78.80	Bladed farm road, 8 ft. wide, bears E. and W., enter lemon grove.
79.92	<p>The cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 3 ins. diam., set 47 ins. below the surface, seated in cement with unreadable markings visible on brass cap, with the 1949 accessory iron pipe, 2 ins. diam., buried alongside.</p> <p>Set a steel fence post, alongside and N. of the cor.</p> <p>Cor. is located within the canopy of a lemon tree.</p> <p>From this cor. point, a rebar, 5/8 in. diam., set 4 ins. below the surface, bears N. 37°07' E., 6.5 lks. dist., origin unknown.</p> <p>From this same cor. point, the 1/4 sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp., bears N. 0°02' E., 39.98 chs. dist., monumented with an iron post, 2 1/2 ins. diam., set 16 ins. below the surface, with an unreadable brass cap.</p>
<hr/> <p align="center"><b>Dependent Resurvey of a Portion of the Subdivisional Lines, T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona</b></p> <hr/>	
<p align="center">Restoring the resurvey executed by Robert C. Yundt in 1960-1962, and the resurvey executed by Ray Harpin in 1972-1977</p> <hr/>	

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 29 and 30, established by the Bureau of Reclamation, monumented with an iron post, 1 in. diam., set 6 ins. below the surface, with an unreadable brass cap. This is accepted as a careful and faithful perpetuation of the position of the orig. cor. Not remonumented. There is no remaining evidence of the accessories established in the 1960-1962 dependent resurvey.</p> <p>from which the accessories established by Robert J. Robinson, Arizona R.L.S. No. 15767.</p> <p>A PK nail, set on the N. side of a 10 ins. diam., wooden power pole, bears S. 75 1/2° W., 1.92 chs. dist., with attached aluminum tag, mkd. YUMA COUNTY RP 129.15.</p> <p>A PK nail, set on the W. side of a 10 ins. diam., wooden power pole, bears N. 25 1/4° W., 1.10 chs. dist., with attached aluminum tag, mkd. YUMA COUNTY RP 72.78.</p> <p>Cor. is located at intersection of County 8 1/2 Street and Avenue 5 East, Yuma County.</p> <p>From this cor. point, 2nd order, U.S. Coast &amp; Geodetic Survey triangulation station "FEDER RESET", with published latitude of 32°41'16.40" N. and longitude of 114°34'18.37" W., NAD 83 (1992), bears S. 48°20' W., (forward bearing), 152.67 chs. dist., monumented with a 3 1/2 ins. diam., bronze disk, set in a 18 ins. diam., 6 ins. high concrete form, with top of disk mkd. U.S. COAST &amp; GEODETIC SURVEY FEDER 1969 RESET 1960 and a triangle.</p> <p>N. 0°10' W., bet. secs. 29 and 30.</p> <p>Within Avenue 5 East, bet. cultivated fields.</p>
19.20	South edge of concrete irrigation canal, bears E. and W.
19.70	North edge of same irrigation canal.
20.055	<p>Point for the N. 1/16 sec. cor. of secs. 29 and 30, occupied with a rebar, 24 ins. long, 1/2 in. diam., firmly set, 30 ins. in the ground, origin unknown.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, seated in cement, with brass cap mkd.</p>
	<p align="center">T 8 S R 22 W N 1/16 S 30   S 29</p> <p align="center">2009</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post and the rebar inside the stainless steel post.</p> <p>Set a steel fence post, with BLM sign S-201 attached, alongside and N. of the cor.</p>
20.85	Graded road atop, South Gila Valley Levee, 25 ft. wide, bears E. and W.
21.70	A rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with attached plastic cap mkd. LS 22767.
29.60	Point selected for a witness point.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, to bedrock, cemented in place, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p align="center">WP T 8 S R 22 W S 30   S 29  2009</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 BLM sign S-201 attached, alongside and N. of the cor.</p>
29.65	Left bank of the Gila River, 10 ft. high, bears S. 50° E. and N. 50° W.
33.70	Right bank of the Gila River, 8 ft. high, bears S. 30° E. and N. 30° W.
40.11	Point for the cor. of secs. 19, 20, 29 and 30, at proportionate dist., there is no remaining evidence of the Bureau of Reclamation iron post, accepted in the 1960-1962 and 1972-1977 dependent resurveys.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, seated in cement, with brass cap mkd.</p> <p align="center">T 8 S R 22 W S 19   S 20 S 30   S 29  2009</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. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set a steel fence post, with BLM sign S-161 attached, alongside and W. of the cor.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 21 and 28, bears N. 89°42' E., 119.85 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, 12 ins. below the surface, with brass cap mkd. T8S R22W 1/4 S21 S28.</p> <p>Cor. is located beneath the northerly side slope of an elevated farm road (20 ft. wide, bears E. and W.).</p> <p>This control line was fully retraced and a careful search was made for evidence of intervening cors., none of which was recovered.</p> <hr/> <p>S. 89°19' W., bet. secs. 19 and 30.</p> <p>Across nearly level, overflow lands of Gila River.</p>
4.00	Right bank of the Gila River, bears S. 10° E. and N. 10° W.
5.20	Left bank of the Gila River, bears S. 10° E. and N. 10° W.
19.995	Point for the E. 1/16 sec. cor. of secs. 19 and 30. Not monumented.
31.01	Point for Angle Point No. 4, Tract 37, at proportionate dist., established in the 1972-1977 dependent resurvey, there is no remaining evidence of the monument. Not remonumented.
31.25	Center of canal access road, bladed, 20 ft. wide, bears S. 25° E. and N. 25° W.
31.85	Center of lower canal access road, bladed, 20 ft. wide, bears S. 25° E. and N. 25° W.
32.10	Easterly edge of concrete irrigation canal, bears S. 25° E. and N. 25° W.
32.65	Westerly edge of concrete irrigation canal, bears S. 25° E. and N. 25° W.
32.90	Center of lower canal access road, bladed, 20 ft. wide, bears S. 25° E. and N. 25° W.
33.70	Center of road atop, South Gila Valley Levee, bladed, 25 ft. wide, bears S. 25° E. and N. 25° W.
35.115	Point for Angle Point No. 3, Tract 37, at proportionate dist., established in the 1972-1977 dependent resurvey, there is no remaining evidence of the monument. Not remonumented.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
39.70	Farm road, bladed, 25 ft. wide, bears N. and S.
39.99	<p>The 1/4 sec. cor. of secs. 19 and 30, reestablished from the lone remaining 1973 reference monument.</p> <p>A severed iron post, 12 ins. long, 2 1/2 ins. diam., loosely set, encased in a 6 ins. diam., concrete cylinder, bears S. 88°30' E., 31.4 ft. dist.</p> <p>The balance of the severed iron post, 16 ins. long, 2 1/2 ins. diam., encased in a 6 ins. diam., concrete cylinder, was found lying loose alongside, with brass cap mkd. T8S R22W RM 31-4 FT S19 S31 1973 1960, and an arrow pointing west.</p> <p>At the corner point</p> <p>Bury a magnet, in a white plastic case, 18 ins. in the ground over a 60D spike.</p> <p>from which</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 27 ins. in the ground, seated in concrete, for a reference monument, bears N. 45°00' E., 60.0 ft. dist. with brass cap mkd. RM T8S R22W 60.0 FT TO COR. S19 2009 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post, with BLM sign S-201 attached, alongside and N. of the reference monument.</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 27 ins. in the ground, seated in concrete, for a reference monument, bears S. 45°00' E., 60.0 ft. dist. with brass cap mkd. RM T8S R22W 60.0 FT TO COR. S30 2009 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post, with BLM sign S-201 attached, alongside and N. of the reference monument.</p> <p>Remove the severed iron posts from the area, impracticable to remonument.</p> <p>Cor. is located in a wheat field, 4.5 lks. W. of the E. edge of field, bearing N. and S.</p> <hr/> <p>S. 89°18' W., beginning new measurement.</p> <p>Across cultivated fields.</p>
39.92	<p>The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp.</p> <hr/>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	From the cor. of secs. 19, 20, 29 and 30.
	N. 0°23' W., bet. secs. 19 and 20.
	Across overflow lands, through dense arrow weed and salt cedar.
19.855	Point for the S. 1/16 sec. cor. of secs. 19 and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p align="center">T 8 S R 22 W S 1/16 S 19   S 20</p>
	<p align="center">2009</p>
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post, with BLM sign S-201 attached, alongside and W. of the cor.
22.25	Farm road, bladed, 10 ft. wide, bears E. and W., thence across cultivated fields.
39.50	Northerly edge of wheat field, bears S. 60° E. and N. 60° W.
39.71	Point for the 1/4 sec. cor. of secs. 19 and 20, at proportionate dist., established in the 1960-1962 dependent resurvey and recovered in the 1972-1977 dependent resurvey, falls within a farming operation, there is no remaining evidence of the 1960 monument.
	Set a rebar, 30 ins. long, 1/2 in. diam., 30 ins. in the ground.
	from which
	<p align="center">An aluminum post, 36 ins. long, 3/4 in. diam., set 34 ins. in the ground for a reference monument, bears N. 65°57' E., 105.0 ft. dist. with aluminum cap mkd. RM T8S R22W 105.0 FT TO COR. S20 2009 and an arrow pointing to the cor. Located 2 lks. W. of the terminus of an E. and W. bearing, concrete irrigation canal.</p>
	<p align="center">A railroad rail, set vertical in the ground, painted orange, projecting 10 ins. above ground, bears N. 40°23' W., 70.18 ft. dist.</p>
	Cor. is located in apron, around cultivated fields.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
40.20	Intersection of three farm roads, extending E., N. 70° W. and N. 20° W.
45.80	Northerly edge of wheat field, bears N. 60° E. and S. 60° W.
45.96	Point selected for a witness point.
	Set an aluminum drive rod, 36 ins. long, 3/4 in. diam., 36 ins. in the ground, with aluminum cap mkd.
	WP
	T 8 S R 22 W
	S 19   S 20
	2009
	Cor. is located on the southerly edge of a farm road, 20 ft. wide, bears N. 60° E. and S. 60° W.
46.74	Point for the witness point, at proportionate dist., established in the 1960-1962 dependent resurvey, and recovered in the 1972-1977 dependent resurvey, there is no remaining evidence of the 1960 monument. Not remonumented.
47.10	Left bank of Colorado River, bears N. 60° E. and S. 60° W.
47.69	At proportionate dist., the record call from the 1960-1962 dependent resurvey, to the left bank of the Colorado River, identical with the point for the meander cor. of sec. 19 only.
51.60	Right bank of Colorado River, bears N. 60° E. and S. 60° W., thence, through heavy brush.
52.83	A rebar, 5/8 in. diam., firmly set, projecting 2 ins. above ground, with affixed plastic cap, mkd. LS 30348 DAVEY, bears West, 3.5 lks. dist.
65.21	Point for the meander cor. of secs. 19 and 24, at proportionate dist., established in the 1960-1962 dependent resurvey, and recovered in the 1972-1977 dependent resurvey, on the left bank of the Colorado River, there is no remaining evidence of the 1960 monument. Not remonumented.
79.42	The cor. of secs. 17, 18, 19 and 20, perpetuated by John Calton English II, Arizona R.L.S. No. 16528, monumented with a rebar, 18 ins. long, 1/2 in. diam., firmly set, 3 ins. below the surface, with affixed plastic cap mkd. LS 16528. This is accepted as a careful and faithful perpetuation of the Bureau of Reclamation iron post, accepted in the 1960-1962 and 1972-1977 dependent resurveys.
	At the corner point

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS

Attach a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, over the rebar, set in concrete, with top mkd.

T 8 S	R 22 W
S 18	S 17
S 19	S 20

2009

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 28 ins. in the ground for a reference monument, bears S. 0°23' E., 66.0 ft. dist. with brass cap mkd. RM T8S R22W S19 66.0 FT TO COR. S20 2009 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post, with BLM sign S-201 attached, alongside and W. of the reference monument.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 28 ins. in the ground for a reference monument, bears S. 89°41' W., 66.0 ft. dist. with brass cap mkd. RM T8S R22W S18 66.0 FT TO COR. S19 2009 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post, with BLM sign S-201 attached, alongside and S. of the reference monument.

Cor. is located in a bladed road, 8 ft. wide, bears N. and S.

A conversation with the registrant, revealed that the Bureau of Reclamation iron post was recovered and subsequently bladed away, the rebar was established by measurement at the position of the obliterated iron post.

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S. 89°41' W., bet. secs. 18 and 19.

Over nearly level over flow lands, across bladed brush.

13.85 Graded road atop North Gila Valley Levee, 30 ft. wide, bears N. 75° E. and S. 75° W.

14.16 Point for the center line of the North Gila Valley levee, at proportionate dist., established by the Bureau of Reclamation, and recovered in the 1960-1962 dependent resurvey, there is no remaining evidence of the monument. Not remonumented.

15.93 Point selected for a witness point.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">W P T 8 S R 22 W S 18 <hr style="width: 10%; margin: auto;"/>S 19</p> <p style="text-align: center;">2009</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 BLM sign S-201 attached, alongside and W. of the cor.</p> <p>Cor. is located on toe slope of North Gila Valley levee, bears N. 75° E. and S. 75° W.</p> <p>17.10 Enter lemon grove, edge bears N. 75° E. and S. 75° W.</p> <p>39.72 The 1/4 sec. cor. of secs. 18 and 19, monumented with a Bureau of Reclamation iron post, 2 ins. diam., set 24 ins. below the surface, with the marks BUR OF RECLAMATION visible, a rebar, 24 ins. long, 5/8 in. diam., set 28 ins. in the ground, is located over the iron post.</p> <p>The 1960-1962 dependent resurvey, purported to have removed the Bureau of Reclamation iron post and set a new 2 1/2 ins. diam., iron post.</p> <p>Set a steel fence post, with BLM sign S-201 attached, alongside and W. of the cor.</p> <p>Cor. is located within the canopy of a lemon tree.</p> <p style="text-align: center;">_____</p> <p>S. 89°39' W., beginning new measurement.</p> <p>Through lemon grove.</p> <p>39.73 The cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., hereinbefore described.</p> <p style="text-align: center;">_____</p> <p style="text-align: center;"><b>Dependent Resurvey of a Portion of the Subdivision Lines within Section 19, T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona</b></p> <p style="text-align: center;">_____</p> <p style="text-align: center;">Restoring the survey executed by Robert C. Yundt in 1960-1962 and the survey and resurvey executed by Ray Harpin in 1972-1977</p>
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**Dependent Resurvey of a Portion of  
the Subdivision Lines within Section 19,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<hr style="width: 20%; margin: 0 auto;"/>
	<p>Note: The 1960-1962 dependent resurvey, executed by Robert C. Yundt, surveyed the north and south center line of sec. 19. The 1972-1977 dependent resurvey, executed by Ray Harpin, resurveyed the north and south center line of sec. 19, and surveyed the east and west center line of sec. 19, and the center lines of the SE 1/4 of sec. 19.</p>
	<p>From the 1/4 sec. cor. of secs. 19 and 30, hereinbefore described.</p>
	<p>N. 0°12' W., on the N. and S. center line of sec. 19.</p>
	<p>Within a wheat field.</p>
11.46	<p>Point for Angle Point No. 2, Tract 37, at proportionate dist., established in the 1972-1977 dependent resurvey, falls in a wheat field, there is no remaining evidence of the monument. Not remonumented.</p>
12.10	<p>Northerly edge of wheat field, bears N. 25° W. and S. 25° E., for 40 lks. to the northeasterly cor.</p>
14.40	<p>Graded road atop South Gila Valley Levee, 25 ft. wide, bears S. 25° E. and N. 25° W.</p>
15.90	<p>Canal access road, graded, 20 ft. wide, bears S. 25° E. and N. 25° W.</p>
16.50	<p>Southwesterly edge of concrete irrigation canal, bears S. 25° E. and N. 25° W.</p>
17.45	<p>Northeasterly edge of same irrigation canal.</p>
17.85	<p>Center of lower canal access road, bladed, 20 ft. wide, bears S. 25° E. and N. 25° W.</p>
18.85	<p>Center of canal access road, bladed, 25 ft. wide, bears S. 25° E. and N. 25° W., thence enter dense salt cedar and arrow weed.</p>
19.915	<p>Point for the center S. 1/16 sec. cor., at proportionate dist., there is no remaining evidence of the monument established in the 1972-1977 dependent resurvey.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, seated in concrete, with brass cap mkd.</p>

**Dependent Resurvey of a Portion of  
the Subdivision Lines within Section 19,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	T 8 S R 22 W C S 1/16   S 19 C
	2009
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post, with BLM sign S-201 attached, alongside and NE of the cor.
21.105	Point for Angle Point No. 1, Tract 37, at proportionate dist., established in the 1972-1977 dependent resurvey, there is no remaining evidence of the monument. Not remonumented.
21.80	Point for the special meander cor. on the left bank of the Colorado River, at proportionate dist., established in the 1960-1962 dependent resurvey, and recovered in the 1972-1977 dependent resurvey on the left bank of the Colorado River, there is no remaining evidence of the 1960 monument. Not remonumented.
22.80	Southerly edge of water, Gila River, bears S. 85° E. and N. 85° W.
25.00	Northerly edge of water, Gila River, bears E. and W.
39.83	Point for the center 1/4 sec. cor. of sec. 19, at intersection with the E. and W. center line of sec. 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, over a steel fence post, 72 ins. long, driven 69 ins. in the ground, with brass cap mkd.
	T 8 S R 22 W C 1/4 S 19
	2009
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post, alongside and W. of the cor.
	This corner position was found to be within the Colorado River in the 1960-1962 and 1972-1977 dependent resurveys.
39.90	Left bank of the Colorado River, 10 ft. high, bears S. 75° E. and N. 75° W.



**Dependent Resurvey of a Portion of  
the Subdivision Lines within Section 19,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
42.19	Point for the special meander cor. on right bank of the Colorado River, at proportionate dist., established in the 1960-1962 dependent resurvey, cor. point falls within the Colorado River.
42.45	Right bank of the Colorado River, 10 ft. high, bears S. 75° E. and N. 75° W.
43.70	Point selected for a witness point.  Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, seated in concrete, with brass cap mkd.  <div style="text-align: center;">                     WP                      T 8 S R 22 W                      C                      S 19                        C                       2009                 </div> Deposit a magnet, in a white plastic case, at the base of the stainless steel post.  Set a steel fence post, with BLM sign S-201 attached, alongside and E. of the cor.
44.10	Enter immature lemon grove, edge bears S. 45° W. and N. 45° E. for 60 lks. dist., to SE cor. of grove, the long side bears N. 1° W.
59.50	Exit immature lemon grove, edge bears W. and E. for 20 lks. dist., to the NE cor. of grove, the long side bears S. 1° E.
60.00	Enter mature lemon grove, edge bears W. and E. for 10 lks. to the SE cor. of grove, the long side bears N.
76.95	The NE cor. of mature citrus grove, bears S. and W.
77.85	Graded road atop North Gila Valley levee, 25 ft. wide, bears E. and W.
78.42	Point selected for a witness point.  Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, seated in concrete, with brass cap mkd.  <div style="text-align: center;">                     WP                      T 8 S R 22 W                      C                      S 19                        C                       2009                 </div>

**Dependent Resurvey of a Portion of  
the Subdivision Lines within Section 19,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<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 BLM sign S-201 attached, alongside and N. of the cor.</p> <p>Cor. is located on toe slope of North Gila Valley levee, bears E. and W.</p>
78.70	Enter lemon grove, edge bears E. and W.
79.67	The 1/4 sec. cor. of secs. 18 and 19, hereinbefore described.
	<hr/> <p>From the 1/4 sec. cor. of secs. 19 and 20, hereinbefore described.</p> <p>S. 89°29' W., on the E. and W. center line of sec. 19.</p> <p>Over active farming operation.</p>
0.25	Easterly edge of wheat field, bears S. 60° E. and N. 60° W.
10.35	Northerly edge of wheat field, bears N. 55° E. and S. 55° W.
10.58	Point selected for a witness point.
	<p>Set an aluminum post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with aluminum cap mkd.</p> <div style="text-align: center;"> <p>WP</p> <p>T 8 S R 22 W</p> <p>C ——— C</p> <p>S 19</p> <p>2009</p> </div>
	<p>Deposit a magnet, in a white plastic case, at the base of the aluminum post.</p> <p>Cor. is located on the southerly edge of farm road, 25 ft. wide, bears N. 55° E. and S. 55° W.</p>
12.24	At proportionate dist., the record call from the 1972-1977 dependent resurvey, to the left bank of the reestablished meander line of the left bank of the Colorado River, identical with the point for the special meander cor. of sec. 19.
12.60	Enter dense salt cedar and arrow weed brush, edge bears N. 55° E. and S. 55° W.
19.93	Point for the center E. 1/16 sec. cor. of sec. 19.

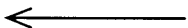
**Dependent Resurvey of a Portion of  
the Subdivision Lines within Section 19,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 8 S R 22 W E 1/16 C ————— C S 19</p> <p style="text-align: center;">2009</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 BLM sign S-201 attached, alongside and NW of the cor.</p>
39.86	The center 1/4 sec. cor. of sec. 19.
40.10	The left bank of the Colorado River, 10 ft. high, bears S. 75° E. and N. 75° W., thence within the Colorado River.
69.30	The right bank of the Colorado River, 10 ft. high, bears N. 60° E. and S. 60° W.
79.68	The 1/4 sec. cor. of secs. 19 and 24, on the W. bdy. of the Tp., hereinbefore described.
	<hr/> <p>SE 1/4</p> <hr/>
	<p>From the point for the E. 1/16 sec. cor. of secs. 19 and 30, hereinbefore described.</p> <p>N. 0°18' W., on the N. and S. center line of the SE 1/4 of sec. 19.</p> <p>Across overflow lands, through dense brush.</p>
19.05	Left bank of the Gila River, 10 ft. high, bears S. 55° E. and N. 55° W.
19.885	Point for the SE 1/16 sec. cor. of sec. 19 at intersection with the N. and S. center line of the SE 1/4 of sec. 19, falls in the Gila River, where it is impracticable to establish a permanent monument.
	<p>From this true point, the point selected for a witness cor., to the SE 1/16 sec. cor. of sec. 19, bears N. 89°24' E., 2.17 chs. dist., on the E. and W. center line of the SE 1/4 of sec. 19, hereinafter described.</p>

**Dependent Resurvey of a Portion of  
the Subdivision Lines within Section 19,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
21.15	Right bank of the Gila River, 3 ft. high, bears S. 55° E. and N. 55° W.
33.30	Track road, bears N. 60° E. and S. 60° W.
33.58	Point selected for a witness point.  Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           WP            T 8 S R 22 W            E            S 19              E             2009         </div> Deposit a magnet, in a white plastic case, at the base of the stainless steel post.  Set a steel fence post, with BLM sign S-201 attached, alongside and W. of the cor.
34.75	At proportionate dist., the record call from the 1972-1977 dependent resurvey, to the left bank of the reestablished meander line of the left bank of the Colorado River, identical with the point for the special meander cor. of sec. 19.
39.77	The center E. 1/16 sec. cor. of sec. 19. <hr/>
	From the S. 1/16 sec. cor. of secs. 19 and 20, hereinbefore described.  S. 89°24' W., on the E. and W. center line of the SE 1/4 of sec. 19.  Across overflow lands, through dense brush.
17.79	The witness cor. to the SE 1/16 sec. cor.  At the corner point  Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

**Dependent Resurvey of a Portion of  
the Subdivision Lines within Section 19,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	WC T 8 S R 22 W SE 1/16 S 19  2009
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post, with BLM sign S-201 attached, alongside and S. of the cor.
18.00	Right bank of the Gila River, 10 ft. high, bears S. 55° E. and N. 55° W.
19.96	The point for the SE 1/16 sec. cor. within the Gila River.
21.20	Left bank of the Gila River, 10 ft. high, bears S. 55° E. and N. 55° W.
39.41	Point for the closing corner of sec. 19 at intersection with line 1-4, Tract No. 37, at proportionate dist., established in the 1972-1977 dependent resurvey, there is no remaining evidence of the monument. Not remonumented.
39.92	The center S. 1/16 sec. cor. of sec. 19.
<hr/> <p><b>Dependent Resurvey of a Portion of the Subdivision Lines within Section 30, T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona</b></p> <hr/>	
Restoring the survey executed by Robert C. Yundt, in 1960-1961	
<hr/>	
	From the center N. 1/16 sec. cor. of sec. 30, monumented with an iron post, 2 1/2 ins. diam., firmly set, 12 ins. below the surface, sans brass cap. Not remonumented.
	Cor. is located at intersection of bladed farm roads, bearing N., E. and S. 5° W.
	N. 0°11' W., on the N. 1/2 of the N. 1/2 of the N. and S. center line of sec. 30.
1.40	Enter wheat field, edge bears N. 10° E. and S. 10° W.
2.20	From this point, the SE cor. of wheat field bears E., 11 lks. dist., field extends S. 10° W. and N.

**Dependent Resurvey of a Portion of  
the Subdivision Lines within Section 30,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
18.70	From this point, the NE cor. of wheat field bears E., 20 lks. dist., field extends N. and S.
18.90	Center of farm road, 20 ft. wide, bears W. and E. for 23 lks., thence N. and S.
19.15	Enter wheat field, edge bears E. and W.
20.07	The 1/4 sec. cor. of. secs. 19 and 30, hereinbefore described.
<hr/> <p><b>Dependent Resurvey of Tract 37, T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona</b></p> <hr/> <p>Restoring the survey executed by Ray Harpin, in 1972-1977</p> <hr/>	
	From the point for AP 1, Tract 37, on the N. and S. center line of sec. 19, hereinbefore described.
	S. 0°12' E., on line 1-2, Tract 37, identical with a portion of the N. and S. center line of sec. 19.
1.19	The center S. 1/16 sec. cor. of 19, hereinbefore described.
9.645	The point for AP 2, Tract 37, hereinbefore described.
	<hr/> <p>S. 23°18' E., on line 2-3, Tract 37.</p>
12.415	The point for AP 3, Tract 37, on the line bet. secs. 19 and 30, hereinbefore described.
	<hr/> <p>N. 89°19' E., on line 3-4, Tract 37, identical with a portion of the line bet. secs. 19 and 30.</p>
4.105	The point for AP 4, Tract 37, hereinbefore described.
	<hr/> <p>N. 23°18' W., on line 4-1, Tract 37.</p>
21.575	The point for the closing cor. of sec. 19, at intersection with the E. and W. center line of the SE 1/4 of sec. 19, hereinbefore described.
	From this point, the center S. 1/16 sec. cor. of sec. 19, bears S. 89°24' W., 0.51 chs. dist.

**Dependent Resurvey of Tract 37,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
22.87	The point for AP 1, Tract 37, on the N. and S. center line of sec. 19.
<hr/> <p><b>Survey of a Portion of the Subdivision Lines within Section 30, T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona</b></p> <hr/>	
	From the N. 1/16 sec. cor. of secs. 29 and 30, hereinbefore described.
	S. 89°18' W., on the E. and W. center line of the NE 1/4 of sec. 30.
	On the N. side of an irrigation canal.
13.95	Graded road, 15 ft. wide, bears S. 65° E., curving northerly and N. 65° W., curving southerly, thence across irrigation canal.
16.40	Graded road, 15 ft. wide, bears S. 65° E., curving northerly and N. 65° W., curving southerly.
17.45	From this point, a cor. of fences bears S., 2 lks. dist., with woven wire fences extending S. 65° E. and W.
20.46	A rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground, with an affixed plastic cap, stamped LS 16528. Rebar is located in a barbed wire fence, extends E. and W.
25.00	From this point, a rebar, 1/2 in. diam., firmly set, projecting 1 in. above ground, with an affixed plastic cap, stamped LS 16528, bears N., 1 lk. dist. Rebar is located at the terminus of a woven wire fence, extends E.
27.58	From this point, a galvanized iron pipe, 3 1/2 ins. diam., firmly set in concrete, projecting 30 ins. above ground, bears N., 1 lk. dist.
27.60	Southerly edge of concrete lined irrigation canal, bears N. 70° E., for 75 lks., thence E. and S. 70° W., for 25 lks., thence W.
28.15	Northerly edge of concrete lined irrigation canal, bears N. 70° E., for 85 lks., thence E. and S. 70° W., for 20 lks. thence W.
30.00	A rebar, 1/2 in. diam., firmly set in concrete, projecting 1 in. above ground, with an affixed plastic cap, stamped LS 16528, a galvanized iron pipe, 3 1/2 ins. diam., set in concrete, projecting 30 ins. above ground, is set alongside and E. of the rebar.

**Survey of a Portion of the  
Subdivision Lines within Section 30,  
T. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>39.99      The center N. 1/16 sec. cor. of sec. 30., hereinbefore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>The area embraced in this survey and resurvey is located about 5 miles east of the city of Yuma, Arizona. The terrain is nearly level, with a mean elevation of 135 ft. above sea level. The predominant topographic features are the Gila and Colorado Rivers. Virtually all lands not in the public domain are under cultivation.</p> <p>The Colorado River enters the area surveyed, about 10 chs. north of the 1/4 section corner of sections 19 and 20, flows in a general west direction, and exits the area surveyed near the 1/4 section corner of sections 19 and 24, on the west boundary of the township. The Gila River enters the area surveyed about 10 chs. north of the N. 1/16 section corner of sections 29 and 30, flows in a general northwest direction and terminates at the confluence with the Colorado River about 10 chs. west of the center 1/4 section corner of section 19.</p> <p>The area not under cultivation is composed of dense salt cedar and arrow weed. Soils are sandy loam. No mining activity was noted. Access is by U.S. Highway No. 95, county roads and farm roads.</p> <p>The mean magnetic declination of 11 3/4° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2005 for the dates of survey.</p> <hr/>
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CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 9th day of February, 2009, I have dependently resurveyed a portion of the west boundary, a portion of the subdivisional lines, a portion of the subdivision of sections 19 and 30, and Tract 37 and surveyed the east and west center line of the northeast quarter of section 30, Township 8 South, Range 22 West, 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.

AUG. 6, 2009  
(Date)

*Gordon R. Bubel*  
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the west boundary, a portion of the subdivisional lines, a portion of the subdivision of sections 19 and 30, and Tract 37 and the survey of the east and west center line of the northeast quarter of section 30, Township 8 South, Range 22 West, Gila and Salt River Meridian, in the State of Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

3/23/2010  
(Date)

*Stephen V. 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. 8 S., R. 22 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Chief Cadastral Surveyor of Arizona)