

ORIGINAL

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

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
THE SUBDIVISION OF SECTION 28,
A METES-AND-BOUNDS SURVEY IN SECTION 28,
AND THE SURVEY OF A PORTION OF THE
MEANDERS OF THE PRESENT LEFT BANK OF THE COLORADO RIVER IN SECTION 28
TOWNSHIP 16 SOUTH, RANGE 22 EAST,
OF THE SAN BERNARDINO MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated August 30, 2012, approved August 30, 2012, which provided for the surveys included under Group No. 1113, and assignment instructions dated August 30, 2012.

Survey commenced September 5, 2012

Survey completed September 13, 2012

INDEX DIAGRAM

**TOWNSHIP 16 SOUTH RANGE 22 EAST
SAN BERNARDINO MERIDIAN, ARIZONA**

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T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, subdivision of section 28, a metes-and-bounds survey in section 28 and the survey of a portion of the meanders of the present left bank of the Colorado River in section 28, Township 16 South, Range 22 East, San Bernardino Meridian, Arizona.

The history of surveys pertaining to this survey is as follows: J. Lacroze surveyed the subdivisional lines in 1856. Robert C. Yundt resurveyed a portion of the subdivisional lines in 1959-60. Paul G. Bauer and Robert C. Yundt resurveyed a portion of the subdivisional lines, subdivided section 28 and surveyed the meanders of the left bank of the Colorado River from the special meander corner on the north and south center line of section 28 to the meander corner between sections 28 and 29, in 1961. This survey was requested by the BLM, Yuma Field Office, to identify a tract of land in sec. 28, that was reacquired via warranty deed recorded in the Yuma County Recorder's Office on September 8, 1967.

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 August 30, 2012 for Group Number 1113, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation models 5700 and R8 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. Geological Survey triangulation station FEDER RESET, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the cor. of secs. 27, 28, 33 and 34, is as follows:

Latitude: 32°43'43.64" N. Longitude: 114°38'53.74" W.

The mean magnetic declination is 11 1/2° E.

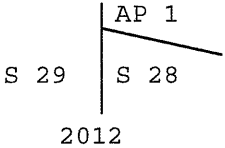
Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

CHAINS	
	<p>Restoring the resurvey executed by Paul G. Bauer and Robert C. Yundt, in 1961</p> <hr/>
	<p>Beginning at the cor. of secs. 27, 28, 33 and 34, monumented with a brass disk, 3 ins. diam., stamped C.O.Y. T16S R22E 28 27 33 34 2005 LS 19329. Cor. is set in a railroad tie, within a single track railroad, on the southerly edge of a levee. This is accepted as the best available evidence of the orig. cor.</p>
	<p>From this cor. point, 2nd order, U.S. Coast & 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. 57°43' E., (forward bearing), 421.82 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 & GEODETIC SURVEY FEDER 1969 RESET 1960 and a triangle.</p>
	<p>S. 89°52' W., bet. secs. 28 and 33, identical with the south boundary of Lot 1, sec. 28.</p>
	<p>Across patented lands, within the city of Yuma.</p>
9.99	<p>Point for the E-E 1/64 sec. cor. of secs. 28 and 33, identical with the midpoint of the south boundary of Lot 1, sec. 28.</p> <p>Not monumented.</p>
14.535	<p>A controlling point calculated to define the west half of Lot 1, sec. 28, excepting the east 300 feet, as described in a portion of a warranty deed conveying certain lands to the United States, recorded in the Yuma County Recorder's Office in docket 490, page 111.</p> <p>Not monumented.</p>
19.98	<p>The E. 1/16 sec. cor. of secs. 28 and 33, identical with the SW cor. of Lot 1, sec. 28, monumented with a rebar, 5/8 in. diam., firmly set, projecting 2 ins. above ground, with plastic cap, 1 1/2 in. diam., stamped DAVEY LS 30348. This is accepted as a careful and faithful determination of the cor. point.</p> <hr/>
	<p>S. 89°51' W., beginning new measurement.</p>
19.98	<p>The 1/4 sec. cor. of secs. 28 and 33, monumented with an iron post, 2 1/2 ins. diam., set 32 ins. below the surface, seated in a plastic survey well, 6 1/2 ins. diam., with brass cap marked T16S R22E 1/4 S28 S33 1961.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

CHAINS	
	Cor. is located beneath a graded farm road, 12 feet wide, extending N. and S.
	S. 89°51' W., beginning new measurement.
19.98	Point for the W. 1/16 sec. cor. of secs. 28 and 33, within a cultivated field.
	Not monumented.
39.96	The cor. of secs. 28, 29, 32 and 33, monumented with a brass disk, 3 in. diam., set in concrete, flush with the surface, with top marked T16S R22E 29 28 32 33 LS 30348. This is accepted as a careful and faithful determination of the cor. point.
	Cor. is located adjacent an N. of a wood power pole.
	Restoring the resurvey executed by Robert C. Yundt, in 1959-60
	North, on record bearing, bet. secs. 28 and 29.
	Across patented lands, on the west side of N. Figueroa Ave, City of Yuma.
13.20	Power line, bears S. 80° E. and N. 80° W.
13.59	Center of railroad, on S. edge of levee, bears S. 80° E., curving southerly and N. 80° W., curving southerly.
13.90	Road atop levee, 45 ft. wide, parallel to railroad.
15.99	Southerly edge of cement irrigation canal, parallel to railroad.
16.51	Northerly edge of same, enter cultivated lands.
17.85	Point for AP 1, of the metes-and-bounds survey in sec. 28, established at the distance recorded in the Bureau of Reclamation Drawing No. 998-303-671 (1178.05 ft.) which is incorporated into a warranty deed, conveying a tract of land in section 28, to the United States, recorded in the Yuma County Recorder's Office in docket 490, page 111.
	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 Subdivisional Lines,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 16 S R 22 E</p>  <p style="text-align: center;">2012</p>
	<p>from which</p> <p style="padding-left: 40px;">A spike, driven in the W. side of a wooden power pole, bears S. 15° W., 7 lks. dist.</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 alongside the corner.</p> <p>Cor. is located within a farm road, bears N. 5° E. and S. 5° W.</p> <p>Continuing measurement, identical with the W. bdy. of the tract of land conveyed to the United States.</p>
20.00	<p>Point for the S. 1/16 sec. cor. of secs. 28 and 29, at the distance recorded in the Bureau of Reclamation Drawing No. 998-303-671 (1320.00 ft.), incorporated into the warranty deed, recorded in the Yuma County Recorder's Office in docket 490, page 111. There is no remaining evidence of the monument set in the 1959-60. survey.</p> <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;">T 16 S R 22 E S 1/16 S 29 S 28</p> <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>Set a steel fence post alongside the corner.</p> <p>Cor. is located on the west edge of a farm road, bearing N. 5° E. and S. 5° W.</p> <p>Continuing measurement, within public land.</p>
24.80	<p>Leave cultivated lands, enter dense brush, edge bears S. 85° E. and N. 85° W.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona**

CHAINS	
25.26	<p>Point for the 1959-60 meander corner, established at the distance recorded in the Bureau of Reclamation Drawing No. 998-303-671 (1667.15 ft.) which is incorporated into a warranty deed, conveying a tract of land in section 28, to the United States, recorded in the Yuma County Recorder's Office in docket 490, page 111, there is no remaining evidence of the 1959-60 cor.</p> <p>Not monumented.</p>
25.38	<p>From this point, the top of a concrete culvert, 1 ft. wide, 8 ft. high, bears S. 85° E., 30 lks. dist.</p>
31.95	<p>Point for a meander corner, at the high water mark of the left bank of the Colorado River.</p> <p align="center">MC T 16 S R 22 E S 29 S 28 2012</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 alongside the corner.</p> <p>Cor. is located on a low bank, at a point where arrow weed ends and bamboo begins.</p> <hr/> <p align="center">Subdivision of Section 28, T. 16 S., R. 22 E., Other Meridian, Arizona</p> <hr/> <p align="center">Restoring the survey executed by Paul G. Bauer and Robert C. Yundt, in 1961</p> <hr/> <p>From the 1/4 sec. cor. of secs. 28 and 33, hereinbefore described.</p> <p>North, on record bearing, bet. secs. 28 and 29.</p> <p>Across patented lands, within a farm road.</p>
6.30	<p>Power line, bears S. 80° E. and N. 80° W.</p>
6.69	<p>Center of railroad, on S. edge of levee, bears S. 80° E., and N. 80° W.</p>
7.10	<p>Road atop levee, 45 ft. wide, parallel to railroad.</p>

Subdivision of Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

CHAINS	
8.95	Southerly edge of cement irrigation canal, parallel to railroad.
9.47	Northerly edge of same, enter cultivated lands.
10.48	Intersect line 3-4, of the metes-and-bounds survey in sec. 28, hereinafter described. Thence; within reacquired lands.
11.41	From this point, a concrete vent (16 ins. diam., projecting 60 ins. above ground), to an underground water conduit, bears West, 6.84 chs. dist.
19.98	Point for the C-S 1/16 sec. cor. of secs. 28 and 29, at the distance recorded in the Bureau of Reclamation Drawing No. 998-303-671 (1318.88 ft.), which is incorporated into a warranty deed that conveyed a tract of land to the United States, recorded in the Yuma County Recorder's Office in docket 490, page 111. There is no remaining evidence of the monument set in the 1961 survey. The corner point, located above an underground irrigation canal, within a farm road, where it is impracticable to establish a permanent monument. Continuing measurement, public lands to the W., reacquired lands to the E.
20.50	Point selected for the witness corner to the center S. 1/16 sec. cor. of section 28. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> WC T 16 S R 22 E C S 1/16 ↓ S 28 C 2012 </div>
23.27	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post alongside the corner. Cor. is located on the margin between cultivated lands to the S. and dense brush to the N., edge bears S. 85° E. and N. 85° W.
23.27	Point for a special meander corner, at the present high water mark of the left bank of the Colorado River.

Subdivision of Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

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

Set a steel fence post alongside the corner.

Cor. is located on a low bank, at a point where arrow weed ends and bamboo begins.

The point for the special meander cor. set in the 1961, survey falls in the present channel of the Colorado River.

Subdivision of the SE 1/4 of Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

From the point accepted for the E. 1/16 sec. cor. of secs. 28 and 33, hereinbefore described.

North, on the N. and S. center line of the SE 1/4 of sec. 28, identical with the W. bdy. of Lot 1.

Across patented land.

- 2.80 Power line, bears S. 80° E. and N. 80° W.
- 3.21 Center of railroad, on S. edge of levee, bears S. 80° E., and N. 80° W.
- 3.65 Road atop levee, 45 ft. wide, parallel to railroad.
- 4.65 Woven wire fence, enclosing S. side of irrigation canal, parallel to railroad.
- 6.02 Northerly edge of cement irrigation canal, parallel to railroad.
- 6.95 Power line, bears S. 80° E. and N. 80° W., enter cultivated lands.

Subdivision of Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

CHAINS	
7.01	Point for AP 4, of the metes-and-bounds survey in sec. 28, established at the distance recorded in the Bureau of Reclamation Drawing No. 998-303-671 (462.70 ft.) which is incorporated into a warranty deed, conveying a tract of land in section 28, to the United States, recorded in the Yuma County Recorder's Office in docket 490, page 111, hereinafter described. Continuing measurement, within reacquired lands.
18.10	Leave cultivated lands, enter dense brush, edge bears S. 85° E. and N. 85° W.
19.975	Point for the SE 1/16 sec. cor. of sec. 28, established at the distance recorded in the Bureau of Reclamation Drawing No. 998-303-671 (1318.32 ft.) which is incorporated into a warranty deed, conveying a tract of land in section 28, to the United States, recorded in the Yuma County Recorder's Office in docket 490, page 111. Not monumented.
24.46	Intersect the high water mark of the present left bank of the Colorado River, at a point where arrow weed ends and bamboo begins. <hr style="width: 20%; margin: 10px auto;"/>
	From the point for the SE 1/16 sec. cor. of sec. 28. S. 89°53' W., on the W 1/2 of the E. and W. center line of the SE 1/4 of sec. 28. Within reacquired lands.
19.98	The point for the center S. 1/16 sec. cor., hereinbefore described. <hr style="width: 60%; margin: 10px auto;"/>
	Subdivision of the SW 1/4 of Section 28, T. 16 S., R. 22 E., San Bernardino Meridian, Arizona
	From the point for the W. 1/16 sec. cor. of secs. 28 and 33, hereinbefore described. North on the N. and S. center line of the SW 1/4 of sec. 28. Across cultivated field, within patented land.
9.80	Power line, bears S. 80° E. and N. 80° W.
10.17	Center of railroad, on S. edge of levee, bears S. 80° E., and N. 80° W.

Subdivision of Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

CHAINS	
10.55	Road atop levee, 45 ft. wide, parallel to railroad.
12.47	Southerly edge of cement irrigation canal, parallel to railroad.
13.01	Northerly edge of same, enter cultivated lands.
14.01	Intersect line 2-3, of the metes-and-bounds survey in sec. 28, hereinafter described.
	Thence; within reacquired lands.
19.99	Point for the SW 1/16 sec. cor. of sec. 28, at intersection with the E. and W. center line of the SW 1/4 of sec. 28.
	Cor. point, located within a cultivated field.
	Not monumented.
22.38	Irrigation canal, 5 ft. wide at top, 3 ft. deep, extends S. 85° E. and N. 85° W.
22.75	Leave cultivated lands, enter dense brush, edge bears S. 85° E. and N. 85° W.
29.25	Point for a special meander corner, at the present high water mark of the left bank of the Colorado River.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	SMC T 16 S R 22 E W S 28 W
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post alongside the corner.
	Cor. is located on a low bank, at a point where arrow weed ends and bamboo begins.
	<hr/>
	From the point for the center S. 1/16 sec. cor. of sec. 28, hereinbefore described.
	S. 89°52' W., on the E. and W. center line of the SW 1/4 of sec. 28.

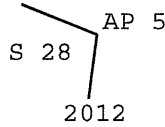
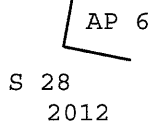
**Subdivision of Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona**

CHAINS	<p>Across cultivated fields, within reacquired lands.</p>
19.98	<p>The point for the SW 1/16 sec. cor. of sec. 28.</p>
39.96	<p>The S. 1/16 sec. cor. of secs. 28 and 29, hereinbefore described.</p> <hr/> <p style="text-align: center;">Metes-and-Bounds Survey in Section 28, T. 16 S., R. 22 E., San Bernardino Meridian, Arizona</p> <hr/> <p>Note: The following metes-and-bounds survey is based on a portion of a warranty deed, recorded on September 8, 1967, in docket 490, pages 111 through page 114, Yuma County Recorder's Office, Yuma Arizona. The warranty deed conveyed a tract of land to the United States. That portion of the metes-and-bounds survey in the W 1/2 of sec. 28, is identical with the northerly boundary of the right-of-way granted the Bureau of Reclamation, identified as parcel MODE, 28-16-22,6, depicted on Bureau of Reclamation Drawing No. 998-303-671 and incorporated into the warranty deed. That portion of the metes-and-bounds survey in the E 1/2 of sec. 28, is identical with the northerly boundary of the right-of-way granted the Bureau of Reclamation, identified as parcel MODE, 28-16-22,7, depicted on Bureau of Reclamation Drawing No. 998-303-673 and incorporated into the warranty deed. The bearings on the Bureau of Reclamation drawings, identical with the bearings cited in the warranty deed, are grid bearing, these bearings were rotated counter clockwise to derive true geodetic bearings.</p> <hr/> <p>From AP 1, on the line bet. secs. 28 and 29, hereinbefore described.</p> <p>Thence, on line 1-2, along a circular curve to the right, having a central angle 4°46'47", a radius of 2190.08 ft., the chord of said arc bears S. 82°40' E., 2.768 chs. dist.</p>
2.77	<p>Point for AP 2.</p> <p>Cor. point located within a cultivated field, where it is impracticable to establish a permanent monument.</p> <p>From this true point, the point selected for a witness cor. to AP 2, bears South, 63.7 lks. (42.0 ft.), dist.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. WC T16S R22E AP2 S28 2012 42.0 FT. N., and an arrow pointing to true point.</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>

**Metes-and-Bounds Survey in Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona**

CHAINS	
	<p>Set a steel fence post alongside the corner.</p> <p>Cor. is located at the edge between and elevated farm road, and canal access road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 78°44' E., on line 2-3, within cultivated field.</p>
17.57	Intersect the N. and S. center line, of the SW 1/4 of sec. 28, hereinbefore described.
19.36	<p>Point for AP 3.</p> <p>Cor. point located within a cultivated field, where it is impracticable to establish a permanent monument.</p> <p>From this true point, the point selected for a witness cor. to AP 3, bears South, 56.1 lks. (37.0 ft.), dist.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. WC T16S R22E AP3 S28 2012 37.0 FT N., and an arrow pointing to the true point.</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 alongside the corner.</p> <p>Cor. is located at the edge between and elevated farm road, and canal access road.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 80°17' E., on line 3-4, within cultivated field.</p>
18.45	Farm road, extends N. and S.
18.49	Intersect the N. and S. center line of sec. 28.
18.65	Power line, bears N. and S.
38.76	<p>Point for AP 4, at intersection with the N. and S. center line of the SE 1/4 of sec. 28.</p> <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 16 S R 22 E AP 4</p> <p style="text-align: center;">—</p> <p style="text-align: center;">S 28</p> <p style="text-align: center;">2012</p>

Metes-and-Bounds Survey in Section 28,
T. 16 S., R. 22 E., San Bernardino 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 alongside the corner.</p> <p>Cor. is located on the southerly edge of cultivated field, extend S. 80° E. and N. 80° W.</p> <hr/> <p>S. 80°17' E., on line 4-5.</p> <p>Departing cultivated fields, enter dense brush.</p> <p>3.96 Point for AP 5.</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> <p style="text-align: center;">T 16 S R 22 E</p>  <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <hr/> <p>S. 9°44' W., on line 5-6.</p>
<p>0.15</p>	<p>Point for AP 6.</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> <p style="text-align: center;">T 16 S R 22 E</p>  <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located 84 lks. N. of the northerly edge of cement irrigation canal, bears S. 80° E. and N. 80° W.</p> <hr/> <p>Thence, on line 6-7, along a circular curve to the left, having a central angle 0°08'56", a radius of 40331.08 ft., the chord of said arc bears S. 80°21' E., 1.588 chs. dist.</p>

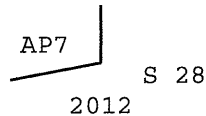
**Metes-and-Bounds Survey in Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona**

CHAINS

1.59 Point for AP 7, at intersection with the line defining the W. 1/2 of lot 1, sec. 28, excepting the east 300 ft.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

T 16 S R 28 E



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

Set a steel fence post alongside the corner.

Cor. is located 84 lks. N. of the northerly edge of cement irrigation canal, bears S. 80° E. and N. 80° W.

From this cor. point, a controlling point calculated to define the west half of Lot 1, sec. 28, excepting the east 300 feet, on the line bet. secs. 28 and 33, bears South, 5.91 chs. dist., hereinbefore described.

North, on line 7-8, identical with the east boundary of reacquired land.

3.51 From this point, a wooden power pole bears East, 5 lks. dist.

4.36 South end of front yard of trailer house, extending W. within reacquired land, contents include, low fence, concrete pad, lawn ornaments and a 6 x 8 ft. metal shed.

5.23 North end of same.

9.70 Point selected for a witness point.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

WP

T 16 S R 22 E

BLM | S 28

2012

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

**Metes-and-Bounds Survey in Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona**

CHAINS	
17.74	<p>Point for a special meander corner, at the present high water mark of the left bank of the Colorado River, identical with AP 8.</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> <p style="text-align: center;">SMC T 16 S R 22 E</p> <p style="text-align: center;">BLM S 28</p> <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>Set a steel fence post alongside the corner.</p> <hr/> <p style="text-align: center;">Survey of the 2012 Meanders of a Portion of the Present Left Bank of the Colorado River, in Section 28, T. 16 S., R. 22 E., San Bernardino Meridian, Arizona</p> <hr/> <p>Memorandum: The 2012 meanders of a portion of the present left bank of the Colorado River supersede the 1961 meanders in section 28. The meanders represent the ordinary high water mark.</p> <hr/> <p>From the special meander cor. on the E. bdy. of the reacquired tract of land, in the SE 1/4 of sec. 28, hereinbefore described.</p> <p>Thence downstream with the meanders of the left bank of the Colorado River.</p> <p>Along a low bank, identical with the margin between arrow weed and bamboo.</p> <p>N. 81°39' W., 5.50 chs. At intersection with the E. and W. center line of the SE 1/4, sec. 28.</p> <p>N. 88°55' W., 4.12 chs.</p> <p>S. 86°24' W., 3.23 chs.</p> <p>S. 84°45' W., 3.44 chs.</p> <p>S. 86°28' W., 5.74 chs.</p> <p>S. 82°41' W., 3.51 chs. The special meander cor. of sec. 28, at intersection with N. and S. center line of sec. 28.</p>

Survey of the 2012 Meanders of a Portion of
the Present Left Bank of the Colorado River, in Section 28,
T. 16 S., R. 22 E., San Bernardino Meridian, Arizona

CHAINS		
N. 85°02' W.,	2.56 chs.	At 2.38 chs. dist. on this course, boat ramp, 16 ft. wide, extends S. 20° W.
N. 72°16' W.,	3.00 chs.	
West	1.40 chs.	At the end of this course, 4 ft. diam. underground water conduit.
N. 73°21' W.,	5.30 chs.	
N. 62°21' W.,	5.82 chs.	
N. 79°00' W.,	2.99 chs.	The special meander cor. of sec. 28, at intersection with the N. and S. center line of the SW 1/4 of sec. 28.
N. 75°36' W.,	4.74 chs.	
N. 75°13' W.,	4.93 chs.	
N. 81°49' W.,	5.50 chs.	
S. 86°44' W.,	3.91 chs.	
S. 74°21' W.,	1.31 chs.	The meander cor. of secs. 28 and 29.
<hr/> GENERAL DESCRIPTION <hr/>		
<p>The lands embraced in this survey and resurvey are located in the bottomlands south of the Colorado River. Section 28, is bounded on the North, by the left bank of the Colorado River. Vegetation near the river is composed of bamboo, arrow weed and salt cedar. Most of the remaining land surveyed in section 28, is under cultivation. The Yuma levee, an abandoned railroad, an irrigation canal and a power line occupy a swath of land about 4 chs. wide, entering the area surveyed near the SE cor. of sec. 28 at exit the area surveyed just S. of the S. 1/16 sec. cor. of secs. 28 and 29.</p> <p>The magnetic declination of 11 1/2° E. was derived from the National Oceanic and Atmospheric Administration, on line magnetic field calculator for a date of the survey.</p> <hr/>		

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 30th day of August, 2012, I have dependently resurveyed a portion of the subdivisional lines, subdivided section 28, executed a metes-and-bounds survey in section 28 and surveyed a portion of the meanders of the present left bank of the Colorado River in section 28, Township 16 South, Range 22 East, of the San Bernardino 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 Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

OCT 3, 2012

(Date)



(Cadastral Surveyor)

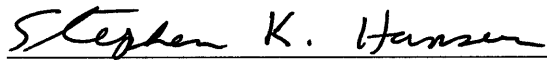
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, the subdivision of section 28, a metes-and-bounds survey in section 28 and the survey of a portion of the meanders of the present left bank of the Colorado River in section 28, Township 16 South, Range 22 East San Bernardino Meridian, in the State of Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

10/18/2012

(Date)



(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. 16 S., R. 22 E., San Bernardino Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~