

ORIGINAL

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

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF SECTION 1,

A PORTION OF A METES-AND-BOUNDS SURVEY IN SECTION 1

AND

A METES-AND-BOUNDS SURVEY

IN SECTION 1

TOWNSHIP 9 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 14, 2005, approved February 14, 2005, which provided for the surveys included under Group No. 951, and assignment instructions dated February 14, 2005.

Survey commenced April 13, 2005

Survey completed April 14, 2005

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TOWNSHIP 9 SOUTH RANGE 22 WEST
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivision of section 1, a portion of a metes-and-bounds survey in section 1 and a metes-and-bounds survey in section 1, Township 9 South, Range 22 West, Gila and Salt River Meridian, Arizona.

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

In 1874, Theodore F. White surveyed the subdivisional lines. In 1989, Stephen J. Malloy and Gary D. Johnson resurveyed a portion of the subdivisional lines, subdivided section 1 and executed a metes-and-bounds survey in section 1.

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 14, 2005, for Group No. 951, 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 center 1/4 section corner of section 1, is as follows:

Latitude: 32°40'39.58" N. Longitude: 114°28'10.90" W.

The mean magnetic declination is 12° E.

Dependent Resurvey of a Portion of the Subdivision of Section 1,
T. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona

Restoring the survey executed by
Stephen J. Malloy and Gary D. Johnson, in 1989

Beginning at the center 1/4 sec. cor. of sec. 1, perpetuated by persons unknown, monumented with a stainless steel post, 2 1/2 ins. diam., set in a survey well, 8 ins. diam., 8 ins. below the ground, with brass cap mkd. T9S R22W C 1/4 S1 1989.

**Dependent Resurvey of a Portion of the Subdivision of Section 1,
T. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>from which the 1989 bearing objects</p> <p>A wooden power pole, 14 ins. diam., bears N. 10 1/4° E., 2.96 chs. dist. (Record: NNE)</p> <p>A wooden power pole, 16 ins. diam., bears S. 48° E., 76 lks. dist. (Record: SE)</p> <p>and new bearing objects</p> <p>A steel power pole, 12 ins. diam., bears S. 62° W., 1.245 chs. dist.</p> <p>Add the marks 2005 to the brass cap.</p> <p>Cor. is located beneath the unpaved surface of 28th Street, City of Yuma, bears E. and W.</p> <p>From this cor. point, 2nd order, U.S. Coast & Geodetic Survey triangulation station "FEDER RESET 1969", with published latitude of 32°41'16.40" N. and longitude of 114°34'18.37" W., NAD 83(1992), bears N. 83°13' W., (forward bearing), 479.22 chs. dist., monumented with a 3 1/2 ins. diam., bronze disk, set in a 20 ins. diam., concrete form, projecting 5 ins. above ground, with top of disk mkd. U.S. COAST & GEODETIC SURVEY FEDER RESET 1960 1969 and a triangle.</p> <p>N. 0°35' W., on a portion of the N. and S. center line of sec. 1.</p> <p>In and along a bladed road.</p> <p>19.306 The witness point at the intersection of the southerly right-of-way line of B canal, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, 18 ins. below the surface, with brass cap mkd. WP C C S1 1989, and witnessed by a steel fence post set alongside the stainless steel post.</p> <p>from which new bearing objects</p> <p>A steel power pole, 12 sided, 36 ins. across, bears N. 16° E., 2.02 chs. dist.</p> <p>A wooden power pole, 18 ins. diam., bears N. 53 1/2° W., 1.88 chs. dist.</p> <p>Add the marks T9S R22W 2005 to the brass cap.</p> <p>Cor. is located 7 lks. W. of W. edge of bladed road, 23 lks. wide, bears N. and S.</p> <hr/> <p>N. 0°35' W., beginning new measurement.</p>
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**Dependent Resurvey of a Portion of the Subdivision of Section 1,
T. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
0.771	<p>The center N. 1/16 sec. cor. of sec. 1, perpetuated by the original memorial, (a magnet, encased in a 1 x 1 x 2 5/8 ins. white plastic case), located 3 ft. below the surface of the ground.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, over a steel fence post, 72 ins. long, driven 70 ins. in the ground, with brass cap mkd.</p> <p align="center">T 9 S R 22 W C N 1/16 S 1 C</p> <p align="center">2005</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located 6 lks. W. of W. edge of bladed road, 23 lks. wide, bears N. and S.</p>
9.50	<p>From the center 1/4 sec. cor. of sec. 1.</p> <p>S. 89°33' W., on a portion of the E. and W. center line of sec. 1.</p> <p>In and along, 28th Street, City of Yuma, unpaved.</p>
13.333	<p>From this point, 28th Street becomes paved, S. of E. and W. center line.</p> <p>Point for a witness point on the E. and W. center line.</p> <p>Set a railroad spike flush with N. edge of pavement of 28th Street, City of Yuma.</p> <p>from which</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 44°34' E., 125.1 ft. dist., with brass cap mkd. RM T9S R22W 125.1 FT TO COR S1 2005 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>

**Dependent Resurvey of a Portion of the Subdivision of Section 1,
T. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
15.605	<p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 46°18' W., 127.3 ft. dist., with brass cap mkd. RM T9S R22W 127.3 FT TO COR S1 2005 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>The witness point, on the E. and W. center line, perpetuated by persons unknown, monumented with a stainless steel post, 2 1/2 ins. diam., set in a 8 in. diam., concrete form, flush with the surface of the ground, with brass cap mkd. WP S1 C C 1989.</p> <p>from which new bearing objects</p> <p>The top center of a sanitary sewer cover, 26 ins. diam., bears N. 85 1/2° E., 3.09 chs. dist.</p> <p>A steel power pole, 12 ins. diam., bears S. 68 3/4° E., 1.555 chs. dist.</p> <p>Add the marks T9S R22W 2005 to the brass cap.</p> <p>Cor. is located 1 lk. N. of the N. edge of pavement, of 28th Street, City of Yuma.</p> <hr/> <p>S. 89°33' W., beginning new measurement.</p>
4.453	<p>The center W. 1/16 sec. cor. of sec. 1, reestablished by Richard Alcocer, Arizona R.L.S. No. 13168, monumented with a rebar, 1/2 in. diam., firmly set, projecting 1 in. above ground, with affixed 1 1/2 in. diam. plastic cap, stamped PEC RLS 13168. This is accepted as a careful and faithful reestablishment of the position of the original cor.</p> <p>from which new reference monuments</p> <p>An aluminum drive rod, 24 ins. long, 3/4 in. diam., set 23 ins. in the ground, for a reference monument, bears N. 43°59' E., 124.0 ft. dist., with aluminum cap mkd. RM T9S R22W 124.0 FT TO COR. S1 2005, and an arrow pointing to the cor.</p> <p>An aluminum drive rod, 24 ins. long, 3/4 in. diam., set 23 ins. in the ground, for a reference monument, bears N. 38°20' W., 112.1 ft. dist., with aluminum cap mkd. RM T9S R22W 112.1 FT TO COR. S1 2005, and an arrow pointing to the cor.</p> <p>Cor. is located on the N. edge of pavement, of 28th Street, City of Yuma, not remonumented.</p>

**Dependent Resurvey of a Portion of the Subdivision of Section 1,
T. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>From this cor. point, the 1/4 sec. cor. of secs. 1 and 2, bears S. 89°33' W., 20.059 chs. dist., monumented with an open end iron pipe, 1 in. diam., with 2 1/2 ins. diam., BLM aluminum cap cemented over the iron pipe, with aluminum cap mkd. T9S R22W 1/4 S2 S1 1989. Cor. is located in a survey well, 8 ins. diam., 5 ins. below the pavement of County Rd 9E, (100 lks. wide, bears N. and S.)</p> <hr/> <p style="text-align: center;">NW 1/4 of Section 1</p> <hr/> <p>From the center W. 1/16 sec. cor. of sec. 1.</p> <p>N. 0°33' W., on a portion of the N. and S. center line of the NW 1/4 of sec. 1.</p> <p>1.35 Barbed wire fence, bears E. and W.</p> <p>13.740 The witness point at intersection of the southerly right-of-way line of B Canal, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. WP W W S1 1989.</p> <p>Add the marks T9S R22W 2005 to the brass cap.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Metes-and-Bounds Survey of the South Right-of-Way of B Canal in Section 1, T. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p style="text-align: center;">Restoring the survey executed by Stephen J. Malloy and Gary D. Johnson, in 1989</p> <hr/> <p>From the witness point on the N. and S. center line of the NW 1/4 of sec. 1, hereinbefore described.</p> <p>N. 67°15' E., on the southerly right-of-way line.</p> <p>4.814 The witness point, on the southerly right-of-way line, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. WP S1 1989, and witnessed by a steel fence post set alongside the stainless steel post.</p> <p>Add the marks T9S R22W 2005 to the brass cap.</p> <p>From this cor. point, the 1989 witness point on the E. and W. center line of sec. 1, bears S. 0°32' E., 15.563 chs. dist., hereinbefore described.</p> <hr/>
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**Dependent Resurvey of a Portion of the Metes-and-Bounds Survey
of the South Right-of-Way of B Canal in Section 1,
T. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	N. 67°15' E., beginning new measurement.
2.455	Point for a witness point on the southerly right-of-way line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	Deposit a magnet in a white plastic case, at the base of the stainless steel post, and set a steel fence post alongside.
	Cor. is located 3 lks. N. of the N. edge of a track road, bears N. 67° E. and S. 67° W.
8.962	Angle Point 1 S., on the southerly right-of-way line, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. T9S R22W AP 1 S S1 1989, and witnessed by a steel fence post set alongside the stainless steel post. Add the marks 2005 to the brass cap.

	N. 86°54' E., on the southerly right-of-way line.
7.301	The witness point on the N. and S. center line of sec. 1, hereinbefore described.

	A Metes-and-Bounds Survey in the SE 1/4 of the NW 1/4 of Sec. 1, T. 9 S., R. 22 W., Gila and Salt River, Meridian, Arizona

	From the 2005 witness point, on the E. and W. center line of sec. 1, hereinbefore described.
	N. 0°32' W. within the SE 1/4 of the NW 1/4, sec. 1.
1.35	Barbed wire fence, bears E. and W.
16.496	The 2005 witness point, on the southerly right-of-way of B Canal, hereinbefore described. From this cor. point, the 1989 witness point on the southerly right-of-way of B Canal, bears S. 67°15' W., 2.455 chs. dist., hereinbefore described.

T. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The land encompassed in this survey is located within the City of Yuma. Access is by way of Interstate Highway No. 8, Yuma County Road 9E and 28th Street, City of Yuma.

The terrain is nearly level, with sparse native grasses and cacti. The mean elevation is about 225 feet above sea level.

The Arizona Department of Game and Fish have a regional headquarters in the SW 1/4 of the NW 1/4 of sec. 1, Southern Pacific Railroad, B Canal and Gila Gravity Main Canal all cross the N 1/2 of sec. 1.

Patented lands in the area, will or are becoming residential developments.

The mean magnetic declination of 12° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 14th day of February, 2005, I have dependently resurveyed a portion of the subdivision of section 1, a portion of a metes-and-bounds survey in section 1 and executed a metes-and-bound survey in section 1, T. 9 S., R. 22 W., of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

JUNE 20, 2005
(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 subdivision of section 1, a portion of a metes-and-bounds survey in section 1 and a metes-and-bounds survey in section 1, T. 9 S., R. 22 W., 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.

August 16, 2005
(Date)

Stephen K. Hansen
Acting(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. 9 S., R. 22 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Date)

Acting(Chief Cadastral Surveyor of Arizona)