

ORIGINAL

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BOOK 5357

R-5357

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY OF,

A PORTION OF THE WEST BOUNDARY,

THE SUBDIVISION OF SECTION 7,

AND A METES-AND-BOUNDS SURVEY IN SECTION 7,

TOWNSHIP 15 SOUTH, RANGE 12 EAST

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY

Darren R. Breckenridge, Cadastral Surveyor,
Under special instructions dated February 13, 1989, approved February 13, 1989,
, which provided for the surveys included under Group Number
710 and assignment instructions dated February 14, 1989.

Survey commenced February 23, 1989
Survey completed March 9, 1989

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T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the west boundary, the subdivision of section 7, and a metes-and-bounds survey in section 7, Township 15 South, Range 12 East, Gila and Salt River Meridian, Arizona.

The west boundary was surveyed by George J. Roskruge in 1887. John F. Hesse resurveyed a portion of the west boundary and surveyed a portion of the subdivisional lines in 1915. Clarence E. Bilbray resurveyed a portion of the west boundary, a portion of the subdivisional lines, and subdivided section 7 in 1953.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated February 13, 1989, for Group No. 710, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by hour angle observations on the sun, confirmed by observations on a U.S. Coast and Geodetic Survey triangulation network, and refer to the true meridian. Distances and angles were measured with a Geodimeter 140 total station instrument.

The geographic position of the 1/4 section corner between section 7 and section 18, as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "SNYDERS HILL", located in the NE quarter of section 4, T. 15 S., R. 12 E., is as follows:

NAD 27: Latitude: 32°07'59.4" N. Longitude: 111°09'24.2" W.

The magnetic declination as taken from quadrangle map "BROWN MOUNTAIN, ARIZ.", published in 1968 by U.S. Geological Survey, is 13 1/2° E.

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Dependent Resurvey, Portion of the West Boundary,
T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona

CHAINS	<p style="text-align: center;">Restoring the resurvey executed by Clarence Bilbray in 1953</p> <hr/> <p>Beginning at the cor. of sec. 7, 12, 13 and 18, on the W. bdy. of the tp., perpetuated by the Pima County Highway Department, monumented with a brass disk, 2 ins. diam., firmly set in concrete, set 2 ins. below ground, with brass disk mkd., T15S R11-12E 12 7 18 13 PCHD. This is accepted as a careful and faithful perpetuation of the original cor. position.</p> <p>Not remonumented</p> <p>Cor. is located on the south shoulder of Valencia Road.</p> <p>From this cor. point, a rebar, 1/2 in. diam., set flush with ground, painted orange, bears N. 44°51'E., 160.8 lks. dist.</p> <p>From this same cor. point, a rebar, 1/2 in. diam., set flush with ground, painted orange, bears N. 45°07'W., 160.8 lks. dist.</p> <p>N. 0°29' W., bet. secs. 7 and 12 on the W. bdy. of the tp.</p> <p>Over level land with moderate mesquite.</p> <p>0.35 Center line of Valencia Road, 35 lks. wide, bears E. and W.</p> <p>3.15 Wash, 20 lks. wide, 2 ft. deep, drains SW.</p> <p>12.04 Eastbound right-of-way fence of State Highway No. 86, bears ENE., WSW.</p> <p>13.63 Center line of State Highway No. 86, bears ENE. and WSW.</p> <p>14.21 Westbound right-of-way fence of State Highway No. 86, bears ENE WSW.</p> <p>14.43 Point for a witness point at intersection with the westbound right-of-way of State Highway No. 86.</p>
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Dependent Resurvey, Portion of the West Boundary,
T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set an aluminum post, 3/4 in. diam., 36 ins. long, 32 ins. in ground, with aluminum cap mkd.</p> <p style="text-align: center;">W P T15S R11E R12E S12 S7 1989</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located 3 lks. N. of westbound right-of-way fence.</p> <p>From this cor. point, right-of-way station 790+00, monumented with a railroad spike, set flush with paved surface of State Highway No. 86, bears N. 86°57' E., 2.58 chs. dist.</p> <p>From this same cor. point, right-of-way station 780+00, monumented with a railroad spike, set flush with paved surface of State Highway No. 86, bears S. 66°27' W., 12.71 chains dist.</p>
15.23	<p>Point for a witness point at intersection with the west bound right-of-way of State Highway No. 86.</p> <p>Set an aluminum post, 3/4 in. diam., 36 ins. long, 32 ins. in ground, with aluminum cap mkd.</p> <p style="text-align: center;">W P T15S R11E R12E S12 S7 1989</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located 83 lks. N. of the westbound right-of-way fence.</p> <p>From this cor. point, right-of-way station 790+00, monumented with a railroad spike, set flush with paved surface of State Highway No. 86, bears S. 73°29' E., 2.69 chs. dist.</p> <p>From this same cor. point, right-of-way station 780+00, monumented with a railroad spike, set flush with paved surface of State Highway No. 86, bears S. 62°49' W., 13.09 chains dist.</p>

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T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona

CHAINS	
23.39	Fence, bears NE. and SW.
23.91	Center line of dirt road, 36 lks. wide, bears NE. and SW.
24.26	Fence, bears NE. and SW.
31.85	Center line of bladed dirt road, 28 lks. wide, bears ENE. and SW.
40.08	The 1/4 sec. cor. of secs. 7 and 12, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. from the ground, with brass cap mkd., T15S 1/4 R11E R12E S7 S12 1953.
	Add date 1989 to brass cap.
	N. 0°30' W., beginning new measurement.
	Over level land through moderate mesquite.
40.07	The sec. cor. of secs. 1, 6, 7 and 12, monumented with a iron post 2 1/2 ins. diam., firmly set, buried 10 ins. below ground, with brass cap mkd., T15S R11E R12E S1 S6 S7 S12 1953.
	Add the marks 1989 to the brass cap.
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the iron post.
	From this cor. point, a rebar, 1/2 in. diam., set by Wallace L. Settlemeyer, LS 7599, bears S. 2°31.6' W., 0.7 lks. dist. firmly set, projecting 2 ins. from the ground, with attached aluminum cap mkd. RLS 7599 S/S.

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Dependent Resurvey, Portion of the West Boundary,
T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona

CHAINS

From this same cor. point, an iron post, 1 in. diam., set 2 ins. below ground, with attached lead cap, bears S. $89^{\circ}24.1'$ W., 113.7 lks. dist., located 1 lk. N. of a fence, bears E. and W.

Dependent Resurvey, Subdivision of Section 7,
T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by
Clarence Bilbray in 1953

From the 1/4 sec. cor. of sec. 7 and 18, monumented with a brass disk, 2 ins. diam., set in concrete, 5 ins. below ground, with brass disk mkd., T15S R12E 7 18 PCHD.

Not remonumented.

From this cor. point, a rebar, bears N. $44^{\circ}53.0'$ E., 160.6 lks. dist., 1/2 in. diam., set flush with ground, with attached metal wafer mkd. PCHD, 8, REF.

From this same cor. point, a rebar, bears S. $45^{\circ}07.4'$ E., 160.8 lks. dist., 1/2 in. diam., set flush with ground, with attached metal wafer, markings illegible.

From this same cor. point, a rebar, bears S. $44^{\circ}52.6'$ E., 160.7 lks. dist., 1/2 in. diam., set flush with ground, with attached metal wafer mkd. PCHD, 8, PC DOT.

From this same cor. point, a rebar, bears N. $45^{\circ}07.3'$ E., 160.7 lks. dist., 1/2 in. diam., set flush with ground, with attached metal wafer mkd. PCHD, 8, PC DOT.

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Dependent Resurvey, Subdivision of Section 7,
T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this same cor. point, U.S.C. & G.S. triangulation station "SNYDERS HILL", bears N. 55°57.7' E., 244.943 chs. dist., monumented with a brass disk, 3 ins. diam., set flush in limestone outcropping, 37 x 25 x 10 ins.</p> <p>N. 0°05' W., on the N. and S. center line of sec. 7.</p> <p>Over nearly level land through moderate mesquite.</p>
10.02	<p>The C-S-S 1/64 sec. cor. of sec. 7, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. from the ground, with brass cap mkd., C-S-S 1/64 S7 1953.</p> <p>Not remonumented</p>
20.04	<p>The C-S 1/16 sec. cor. of sec. 7, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. from the ground, with brass cap mkd., C-S 1/16 S7 1953.</p> <p>Not remonumented</p>
27.34	<p>A rebar, 1/2 in. diam., set flush with ground, established by Gilbertson Associates Inc., for photo control, bears West, 83 lks. dist.</p>
27.43	<p>Wash, 12 lks. wide, 2 ft. deep, drains NW.</p>
28.95	<p>Center line of State Highway No. 86, bears ENE and WSW.</p>
30.56	<p>Point for a witness point at intersection with the west bound right-of-way of State Highway No. 86.</p> <p>Set an aluminum post, 3/4 in. diam., 36 ins. long, 30 ins. in ground, with aluminum cap mkd.</p> <div style="text-align: center;"> <p>W P</p> <p>T15S R12E</p> <p>S7</p> <p>C</p> <p>—</p> <p>C</p> <p>1989</p> </div> <p>Set a steel fence post alongside the cor.</p>

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Dependent Resurvey, Subdivision of Section 7,
T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona

<p>CHAINS</p>	<p>From this cor. point, right-of-way station 825+00, monumented with a brass disk, set flush in concrete, with disk mkd. ARIZONA HIGHWAY DEPT., Sta. 825+00, ELEV., 2423.54, 1972, bears N 69°52' E., 10.36 chs. dist. An angle iron, 4 x 4 ins., projecting 3 ft. from the ground, painted white and mkd. HWY R. OF W., P.O.T. 825+00 is set alongside.</p> <p>From this same cor. point, right-of-way station 809+00, monumented with a brass disk, set flush in concrete, with disk mkd. ARIZONA HIGHWAY DEPT., Sta. 809+00, ELEV., 2422.74, 1972, bears S 69°52' E., 15.40 chs. dist. An angle iron, 4 x 4 ins., projecting 3 ft. from the ground, painted white and mkd. P.O.T. 825+00 is set alongside.</p> <p>40.09 The center 1/4 sec. cor. of sec. 7, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. from the ground, with brass cap mkd., C 1/4 S7 1953.</p> <p>Not remonumented</p> <p>Cor. is located 1 lk. E. of a fence, bears N. and S.</p>
<p>Metes-and-Bounds Survey, Section 7, T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona</p>	
	<p>From the witness point on the N-S center in sec. 7, hereinbefore described.</p> <p>From this cor. point, center 1/4 sec. cor. of sec. 7, bears N.0°05'W., 9.53 chs. dist., hereinbefore described.</p> <p>Thence S. 69°52' W., along the west bound right-of-way of State Highway No. 86.</p> <p>12.37 Rebar of unknown origin, 3/8 in. diam., firmly set, projecting 1 in. from the ground.</p> <p>42.67 Rebar of unknown origin, 3/8 in. diam., firmly set, projecting 1 in. from the ground.</p> <p>44.88 The witness point on the W. bdy. of tp., hereinbefore described.</p>

T. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona

<p>CHAINS</p>	<p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land encompassed in this survey is located approximately 14 miles southeast of Tucson. Vegetation consists of moderate to dense mesquite and cholla cactus. A refuse site utilized by Ryan Field is located in the west half of section 7. Elevations range from approximately 2420 to 2450 feet above sea level.</p> <p>State Highway No. 86, also called the Tucson-Ajo Highway, cuts diagonally across section 7 and is the best access. Valcencia Road extends along the entire south boundary of section 7 and is an alternative route to Tucson International Airport. A portion of the Ryan Field airstrip is located in section 7.</p>
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Robert J. Lyle	Surveying Technician
Joel D. Ayers	Survey Aid

CERTIFICATE OF SURVEY

I, Darren R. Breckenridge, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 13th day of February, 1989, I have Dependently resurveyed a portion of the west boundary, the subdivision of section 7 and a metes-and-bounds survey in section 7 in Township 15 South, Range 12 East, 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; and that 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.

Darren R. Breckenridge is no longer assigned to this office and is unavailable for signature.

3/11/92

(Date)

James L. Deale

(Field Supervisor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the west boundary, the subdivision of section 7 and a metes-and-bounds survey in section 7 of Township 15 South, Range 12 East, Gila and Salt River Meridian, Arizona, executed by Darren R. Breckenridge, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAY 6 1992

(Date)

James P. Kelly

(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. 15 S., R. 12 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

~~_____
(Chief Cadastral Surveyor of Arizona)~~