

BOOK ² 5356

INDEX DIAGRAM

TOWNSHIP 15 SOUTH, RANGE 11 EAST,

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Metes-and-Bounds Survey, sec. 12 pp. 8 - 8.

T. 15 S., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>The following field notes described the dependent resurvey of a portion of the subdivisional lines, and a metes-and-bounds survey in section 12, Township 15 South, Range 11 East, Gila and Salt River Meridian, Arizona.</p> <p>A portion of the east boundary and the subdivisional lines outside of the Papago Indian Reservation were surveyed by George J. Roskrige in 1887. John F. Hesse resurveyed a portion of the east boundary in 1915. Clarence E. Bilbray resurveyed a portion of the east boundary in 1953.</p> <p>The survey was executed in accordance with the specifications as set forth in the <u>Manual of Surveying Instructions, 1973</u>, and the Special Instructions dated February 13, 1989, for Group No. 710, Arizona.</p> <p>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. The retracement data were thoroughly verified and only the true line field notes are given herein.</p> <p>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.</p> <p>The geographic position of the SE section corner of section 12 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:</p> <p>NAD 27: Latitude: 32°07'59.3" N. Longitude: 111°09'56.5" W</p> <p>The magnetic declination as taken from quadrangle map "BROWN MOUNTAIN, ARIZ.", published in 1968 by U.S. Geological Survey, is 13 1/2° E.</p>
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BOOK 5356

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 15 S., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Restoring the survey executed by George J. Roskrugs in 1887</p> <hr/>
	<p>Beginning at the cor. of sec. 7, 12, 13 and 18, on the E. 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>From this cor. point, U.S. Coast and Geodetic Survey Triangulation Station, "SNYDERS HILL", bears N. 60°44.7' E., 280.832 chs. dist, monumented with a brass disk, 3 ins. diam., set flush in a limestone outcropping, 37 x 25 x 10 ins.</p> <p>S. 89°29' W., between secs. 12 and 13, along the eastbound shoulder of Valencia Road.</p>
38.23	Center line of State Highway No. 86, bears NE and SW.
40.085	<p>Point for the 1/4 sec. cor. of secs. 12 and 13, at proportionate dist.; there is no remaining evidence of the original cor.</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;">T15S R11E 1/4 <u>S12</u> <u>S13</u> 1989</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, a rebar, 3/8 in. diam., firmly set, projecting 1 in. above ground, bears S. 83°21.4' W., 44.4 lks. dist.</p>
40.49	<p>Point for a witness point at intersection with the westbound right-of-way of State Highway No. 86.</p> <p>Set an aluminum post, 3/4 in. diam., 36 ins. long, 34 ins. in ground, with aluminum cap mkd.</p>

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 15 S., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	W P T15S R11E S12 <hr style="width: 20%; margin: auto;"/> S13 1989										
	<p>Set a steel fence post alongside the cor.</p> <p>From this cor. point, right-of-way station 770+00, monumented with a railroad spike, set flush with paved surface of State Highway No. 86, bears N. 72°44' E., 15.18 chs. dist.</p> <p>From this same cor. point, right-of-way station 764+65, monumented with a nail, set flush with paved surface of State Highway No. 86, bears S. 66°27' W., 12.71 chains dist.</p> <p>Cor. is located 3 lks. N. of westbound right-of-way fence.</p>										
52.08	Wash, 18 lks. wide, 4 ft. deep, drains NW.										
76.43	Fence, bears N. and S.										
80.17	<p>The cor. of secs. 11, 12, 13, and 14, perpetuated by persons unknown, monumented with an open end pipe, 1 3/4 ins. diam, firmly set, projecting 1 in. above ground. This has locally been recognized as the cor. position, and is accepted as the best available evidence of the original cor. position.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto;"> <tr><td colspan="2">T15S R11E</td></tr> <tr><td>S11</td><td>S12</td></tr> <tr><td colspan="2"><hr style="width: 20%; margin: auto;"/></td></tr> <tr><td>S14</td><td>S13</td></tr> <tr><td colspan="2">1989</td></tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Deposit the local pipe inside the stainless steel post.</p> <p>The center line of a macadam surfaced road, 35 lks. wide, bears West, 28 lks. dist.</p> <hr style="border: 0.5px solid black; margin-top: 20px;"/>	T15S R11E		S11	S12	<hr style="width: 20%; margin: auto;"/>		S14	S13	1989	
T15S R11E											
S11	S12										
<hr style="width: 20%; margin: auto;"/>											
S14	S13										
1989											

BOOK 5356

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 15 S., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 0°46' W., between secs. 11 and 12, over level land.
38.92	Wash, 17 lks. wide, 2 ft. deep, drains WNW.
40.01	The 1/4 sec cor. of secs. 11 and 12, perpetuated by persons unknown, monumented with a rebar, 1/2 in diam., firmly set, projecting 1 in. above ground. This is accepted as the best available evidence of the original cor. position
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	T15S R11E 1/4 S11 S12 1989
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Deposit the local rebar inside the stainless steel post.
	Set a steel fence post alongside the cor.
	Cor. is located 73 lks. E. of center line of a bladed dirt road, 20 lks. wide, bears SSE, and NNW.
	N. 0°46' W., beginning new measurement.
	Over level land.
40.01	The sec. cor. of secs. 1, 2, 11, and 12, perpetuated by Bruce F. Small, LS 12122, monumented with a rebar, 1/2 in diam., firmly set, projecting 1 in. above ground, This is accepted as the best available evidence of the original cor. position.
	At the cor. point

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 15 S., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS									
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr> <td>T15S</td> <td>R11E</td> </tr> <tr> <td>S1</td> <td>S2</td> </tr> <tr> <td>S11</td> <td>S12</td> </tr> <tr> <td colspan="2">1989</td> </tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Deposit the local rebar inside the stainless steel post.</p> <p>From this cor. point, a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground, bears N. 89°07.5' E., 76.5 lks. dist.</p> <p>From this same cor. point, a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, bears S. 1°07.0' E., 121.2 lks. dist.</p>	T15S	R11E	S1	S2	S11	S12	1989	
T15S	R11E								
S1	S2								
S11	S12								
1989									
	<p>From the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. from the ground, with brass cap mkd T15S R11E R21E R12E S1 S7 S12 1953 1989.</p>								
	<p>S. 89°23' W., between secs. 1 and 12, over level land.</p>								
<p>30.19</p>	<p>A rebar, 1/2 in. diam., firmly set, projecting 1 in. above ground, located 3 lks. N. of a fence, bears E. and W.</p>								
<p>30.20</p>	<p>A rebar, 1/2 in. diam., firmly set, projecting 1 in. above ground, located 3 lks. N. of a fence, bears E. and W.</p>								
<p>40.26</p>	<p>The 1/4 sec. cor. of secs. 1 and 12, perpetuated by persons unknown, monumented with a cylindrical cement encasing, 12 ins. diam., with embedded brass disk, 2 ins. diam., firmly set 7 ins. below ground, with brass disk stamped with a point. This is accepted as the best available evidence of the original cor. position.</p>								
	<p>Not remonumented</p>								

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 15 S., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.26	<p>from which</p> <p>An aluminum post, 36 ins. long, 3/4 in. diam., set 31 ins. in the ground, for a reference monument, bears S. 45°13' E., 67.8 ft. dist., with cap mkd. RM T15S R11E 67.8 FT. TO COR. 1989, and an arrow pointing to the cor. Set a steel fence post alongside.</p> <p>An aluminum post, 36 ins. long, 3/4 in. diam., set 30 ins. in the ground, for a reference monument, bears S. 35°14' W., 59.4 ft. dist., with cap mkd. RM T15S R11E 59.4 FT. TO COR. 1989, and an arrow pointing to the cor. Set a steel fence post alongside.</p> <hr/> <p>S. 89°22' W., beginning new measurement.</p> <p>Over level land</p> <p>The cor. of secs. 1, 2, 11, and 12.</p> <hr/> <p style="text-align: center;">Metes-and-Bounds Survey in Section 12, T. 15 S., R. 11 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the witness point on the east bdy. of the tp, monumented with an aluminum post, 3/4 ins. diam., projecting 4 ins. from the ground, with aluminum cap, mkd. and described in the field note record of the dependent resurvey of a portion of the W. bdy., T. 15 S., R. 12 E., executed concurrently under this same group.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 7 and 12, bears, N. 0°29' W., 25.65 chs. dist. monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. from the ground, with brass cap mkd. as described in the field note record of the dependent resurvey of a portion of the W. bdy., T. 15 S., R. 12 E., executed concurrently under this same group.</p> <p>S. 69°52' W., along the west bound right-of-way of State Highway No. 86.</p> <p>The witness point on the sec. line bet. secs. 12 and 13, hereinbefore described.</p> <hr/>
43.00	

BOOK 5356

T. 15 S., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	GENERAL DESCRIPTION
	<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. 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 12 and is the best access. Valcencia Road extends along the east half of the south boundary of section 12 and is an alternative route to Tucson International Airport.</p>
	<p>Ryan Field is the major improvement in section 12 with many structures and businesses located around the airstrip. Air traffic is constant and permission to enter on the strip must be obtained before beginning any field work.</p> <hr/>

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, portion of the subdivisional lines , and a metes-and-bounds survey in section 12, of Township 15 South, Range 11 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 R. Wendel
(Field Supervisor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey, portion of the subdivisional lines and a metes-and-bounds survey of Township 15 South, Range 11 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. 11 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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