

ORIGINAL

BOOK 5402

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF

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A PORTION OF THE SUBDIVISIONAL LINES,

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A PORTION OF THE SUBDIVISION

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AND A PORTION OF A METES-AND-BOUNDS SURVEY IN SECTION 4;

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AND

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A METES-AND-BOUNDS SURVEY IN SECTION 4

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TOWNSHIP 16 SOUTH, RANGE 10 EAST

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

EXECUTED BY  
Clyde J. King Cadastral Surveyor

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Under Special Instructions dated October 21, 1993, approved October 21, 1993, which provided for the surveys included under Group Number 763, and assignment instructions dated October 22, 1993.

Survey Commenced November 4, 1993  
Survey Completed November 10, 1993

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 in sec. 4  
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## T. 16 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>The following field notes describe the dependent resurvey of a portion of the subdivisional lines, a portion of the subdivision and a portion of a metes-and-bounds survey in section 4; and a metes-and-bounds survey in section 4, Township 16 South, Range 10 East, Gila and Salt River Meridian, Arizona.</p> <p>The subdivisional lines were surveyed by George J. Roskruge in 1886 and resurveyed by Dennis K. McKay in 1983. Section 4 was subdivided and a metes-and-bounds survey was performed by Dennis K. McKay in 1983.</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 October 21, 1993, for Group No. 763, 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. 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.</p> <p>The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Topcon GTS-3B total station instrument.</p> <p>The geographic position of the C-E-SE 1/64 sec. cor. of sec. 4, as determined from a tie made to N.G.S. bench mark "BM A113 NO. 2", hereinafter described, is as follows:</p> <p>Latitude: 32°03'49.45" N. Longitude: 111°19'05.40" W. NAD27</p> <p>The mean magnetic declination, as taken from quadrangle map THREE POINTS, ARIZ., published in 1979 by U.S. Geological Survey, is 12 1/2° E.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines T. 16 S., R. 10 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p style="text-align: center;">Restoring the resurvey executed by Dennis K. McKay, in 1983</p> <hr/> <p>Beginning at the E-E 1/64 sec. cor. of secs. 4 and 9, monumented with an aluminum post, 3/4 ins. diam., firmly set, projecting 6 ins. above ground, with an aluminum cap mkd. S4 E-E 1/64 S9 1983.</p>
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Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 16 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Add the marks T16S R10E and 1993 to the aluminum cap.</p> <p>Cor. is located S. 47° W., 15.5 lks. dist., of the cor. of barbed wire fences, 4 strands, bears N., ESE and WNW.</p> <p>S. 89°26.5' W., bet. secs. 4 and 9.</p> <p>Over level land, through medium mesquite and cacti.</p>
10.07	<p>The E 1/16 sec. cor. of secs. 4 and 9, monumented with an aluminum post, 3/4 ins. diam., firmly set, projecting 6 ins. above ground, with an aluminum cap mkd. T16S R10E S4 S9 E 1/16 1983.</p> <p>Add the marks 1993 to the aluminum cap.</p> <p>Cor. is located 27 lks. S. of a barbed wire fence, 4 strand, bears E. and W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89°32.5' W., beginning new measurement.</p> <p>Over level land, through medium mesquite and cacti.</p>
3.732	<p>The witness point, at intersection with the center line of roadway of State Highway No. 286, monumented with a railroad spike, firmly set, 2 ins. below the pavement, mkd. BLM WP S4 S9 1983, from which original reference monuments</p> <p style="padding-left: 40px;">An aluminum post, 3/4 ins. diam., firmly set, projecting 4 ins. above the ground, bears S. 74°00' W., 68.10 ft. dist., with cap mkd. T16S R10E RM S9 68.10 FT TO COR 1983, and an arrow pointing to the cor.</p> <p style="padding-left: 40px;">An aluminum post, 3/4 ins. diam., firmly set, projecting 1 in. above the ground, bears N. 13°02' W., 69.82 ft. dist., with cap mkd. T16S R10E RM S4 69.82 FT TO COR 1983, and an arrow pointing to the cor.</p>
	<p>Dependent Resurvey of a Portion of the Subdivision of Section 4 T. 16 S., R. 10 E., Gila and Salt River Meridian, Arizona</p>
	<p style="text-align: center;">Restoring the survey executed by Dennis K. McKay, in 1983</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From the E-E 1/64 sec. cor. of secs. 4 and 9, hereinbefore described.</p>

Dependent Resurvey of a Portion of the Subdivision of Section 4  
T. 16 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 0°06' E., along the N and S center line of the SE 1/4 of the SE 1/4 of sec. 4.
	Over level land, through medium mesquite and cacti.
5.548	Point for AP1, hereinafter described.
20.016	The C-E-SE 1/64 sec. cor. of sec. 4, monumented with an aluminum post, 3/4 ins. diam., firmly set, projecting 2 ins. above ground, with aluminum cap mkd. S4 C-E-SE 1/64 1983.
	Add the marks 1993 to the aluminum cap.
	From this cor. point, N.G.S. bench mark, "BM A113 No. 2", with published latitude of 32°04'38.652" N. and longitude of 111°18'41.314" W., NAD27, bears N. 22°37.5' E. (forward bearing), 81.63 chs. dist., monumented with a standard brass tablet, 3 ins. diam., set in a concrete cylinder, 8 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. BM A113 2 1980 and a triangle.
	Cor. is located 1 lk. W. of a fence cor., extending E., 40 lks. N. of a paved road, bears E. and W. and 34 lks. W. of a power line, 4 wire, bears NE and SW.
	Dependent Resurvey of a Portion of a Metes-and-Bounds Survey in Section 4, T. 16 S., R. 10 E., Gila and Salt River Mer., Arizona
	Restoring the survey executed by Dennis K. McKay, in 1983
	From the witness point, at the intersection of the line bet. secs. 4 and 9 and the center line of roadway of State Highway No. 286, hereinbefore described.
	N. 29°53' E., along the center line of roadway of State Highway No. 286.
7.501	Intersect the N. and S. center line of the SE 1/4 of sec. 4.
14.671	Point for AP4, sec. 4, hereinafter described.
23.205	Intersect the E. and W. center line of the SE 1/4 of sec. 4.
27.779	A witness point, at intersection with N. and S. center line of the NE 1/4 of the SE 1/4 of sec. 4, monumented with a railroad spike, firmly set, 1/4 ins. below the pavement, mkd. BLM WP S4 1983, from which original reference monuments

Dependent Resurvey of a Portion of a Metes-and-Bounds Survey  
in Section 4, T. 16 S., R. 10 E., Gila and Salt River Mer., Arizona

CHAINS	<p>An aluminum post, 3/4 ins. diam., firmly set, flush with the ground, bears S. 80°00' W., 64.58 ft. dist., with cap mkd. T16S R10E RM S4 64.58 FT TO COR 1983, and an arrow pointing to the cor.</p> <p>An aluminum post, 3/4 ins. diam., firmly set, projecting 4 ins. above the ground, bears N. 25°17' W., 59.58 ft. dist., with cap mkd. T16S R10E RM S4 59.58 FT TO COR 1983, and an arrow pointing to the cor.</p> <hr/> <p style="text-align: center;">A Metes-and-Bounds Survey in Section 4, T. 16 S., R. 10 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the point for AP1, sec. 4, on the N. and S. center line of the SE 1/4 of the SE 1/4 of sec. 4.</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> <div style="text-align: center;"> <p>T16S R10E AP1   S4 1993</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, the E-E 1/64 sec. cor. of secs. 4 and 9, bears S. 0°06' W., 5.548 chs. dist., hereinbefore described.</p> <p>Cor. is located 11 lks. W. of a barbed wire fence, 4 strand, bears N. and S. and 76 lks. W. of a wash, drains NW.</p> <p>N. 49°35' W., on line 1-2.</p> <p>Over level land, through medium mesquite and cacti.</p> <p>2.322 Point for AP2, sec. 4.</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> <div style="text-align: center;"> <p>T16S R10E S4   AP2 1993</p> </div>
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A Metes-and-Bounds Survey in Section 4,  
T. 16 S., R 10 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 76 lks. N. of a wash, drains NW.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 32°04.5' W., on line 2-3.</p> <p>Over level land, through medium mesquite and cacti.</p>
3.175	<p>Point for AP3, sec. 4.</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> <div style="text-align: center; margin: 10px 0;"> <p>T16S R10E S4 AP3 1993</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 76 lks. N. of a wash, drains NW.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 46°55' W., on line 3-4.</p> <p>Over level land, through medium mesquite and cacti.</p>
4.175	<p>Point for AP4, sec. 4, at intersection with the center line of roadway of State Highway No. 286, monumented with a railroad spike, firmly set, flush with pavement, mkd. BLM 1993.</p> <p>from which</p> <p style="margin-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 55°09' W., 115.50 ft. dist., with cap mkd. T16S R10E RM AP4 S4 115.5 FT TO COR 1993, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p style="margin-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, for a reference monument, bears S. 18°25' W., 66.35 ft. dist., with cap mkd. T16S R10E RM AP4 S4 66.35 FT TO COR 1993, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>

A Metes-and-Bounds Survey in Section 4,  
T. 16 S., R 10 E., Gila and Salt River Meridian, Arizona

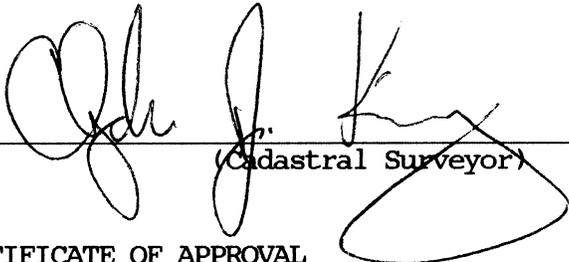
CHAINS	<p>From this cor. point, the witness point at the intersection of the line bet. secs. 4 and 9 and the center line of roadway of State Highway No. 286, bears S. 29°53' W., 14.671 chs. dist., hereinbefore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The survey is located SW of the junction of State Highways No. 80 and No. 286 (Robles Junction). The elevation averages approximately 2300 feet above sea level.</p> <p>Access is by way of State Highway No. 80 to the town of Robles Junction, Arizona and No. 286 to the survey area.</p> <p>The soil is a sandy clay. Vegetation consists of Mesquite, cacti and grass.</p> <p>There were no minerals noted in the area surveyed.</p> <p>The mean magnetic declination, as taken from quadrangle map THREE POINTS, ARIZ., published in 1979 by U.S. Geological Survey, is 12 1/2° E.</p> <hr/>
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CERTIFICATE OF SURVEY

I, Clyde J. King, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 21th day of October, 1993, I have dependently resurveyed a portion of the subdivisional lines, a portion of the subdivision and a portion of a metes-and-bounds in section 4; and a metes-and-bounds survey in section 4 of Township 16 South, Range 10 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.

4/2/94  
(Date)

  
(Cadastral Surveyor)

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 subdivisional lines, a portion of the subdivision and a portion of a metes-and-bounds in section 4; and a metes-and-bounds survey in section 4 of Township 16 South, Range 10 East, Gila and Salt River Meridian, Arizona, executed by Clyde J. King, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JUN 08 1994  
(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. 10 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

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

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(Chief Cadastral Surveyor of Arizona)