

ORIGINAL

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BOOK 5281

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

CORRECTIVE DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES

AND THE CORRECTIVE METES-AND-BOUNDS SURVEY

OF A PORTION OF TRACT 37,

TOWNSHIP 4 NORTH, RANGE 3 WEST

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

EXECUTED BY

DUANE R. GAROUTTE, Cadastral Surveyor

Under special instructions dated November 8, 1985, approved November 8, 1985
and supplemental special instructions dated and approved November 25, 1986,
and second supplemental special instructions dated and approved December 19, 1986,
, which provided for the surveys included under Group Number
674 and assignment instructions dated November 25, 1986.

Survey commenced December 1, 1986

Survey completed December 29, 1986

INDEX DIAGRAM

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Survey of Tract 37

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T 4 N, R 3 W, Gila and Salt River Mer., Arizona

CHAINS

The following field notes describe the corrective dependent resurvey of a portion of the subdivisional lines and the corrective metes-and-bounds survey of a portion of Tract 37 in Township 4 North, Range 3 West, Gila and Salt River Meridian, Arizona.

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

The subdivisional lines were surveyed by H. D. Voigt and R J. Gill in 1915-16. A portion of the subdivisional lines were resurveyed, and section 16 subdivided, and Tract 37 surveyed by Stephen J. Malloy in 1985.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated November 8, 1985, the Supplemental Instructions dated November 25, 1986, and the Second Supplemental Instructions dated December 19, 1986, for Group No. 674, Arizona.

Preliminary to the survey, certain lines of the 1985 survey were retraced and the positions of the monuments were evaluated. It was concluded that collateral evidence furnished by the Bureau of Reclamation was not used in 1985 to determine the original position for the cor. of secs. 9, 10, 15, and 16, necessitating this corrective survey. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by observations on a U.S.C. & G.S. triangulation network and refer to the true meridian. Distances and angles were measured with a Hewlett-Packard 3820 total station.

The geographic position of the southeast corner of section 16, as shown on the official plat of T 4 N, R 3 W, accepted March 3, 1986, is as follows:

NAD 27: Latitude: 33°40'56.44" N Longitude: 112°33'50.05" W

The mean magnetic declination as shown on the 1986 official plat is 14° E.

Corrective Dependent Resurvey
of a Portion of the Subdivisional Lines,
T 4 N, R 3 W, Gila and Salt River Mer., Arizona

Correction of a Portion of the Dependent Resurvey
executed by Stephen J. Malloy in 1985

Corrective Dependent Resurvey of a Portion of the Subdivisional Lines
T 4 N, R 3 W, Gila and Salt River Mer., Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 15 and 16, monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S16 S15 1915</p> <p>N 0°05' E, bet. secs. 15 and 16.</p> <p>Over nearly level land.</p>
37.33	<p>AP 12A, Tract 37, on the southerly right-of-way line of the C.A.P. Canal, hereinafter described.</p> <p>Continue on the line bet. secs. 15 and 16, on line 12A-1A, Tract 37.</p>
40.035	<p>True point for the cor. of secs. 9, 10, 15, and 16, determined at a calculated position from Bureau of Reclamation sta. PC 499+68.77 R.O.W. 125 FT. RT. using the Reclamation's field data, falls in the C.A.P. Canal where it is impracticable to establish a permanent monument.</p> <p>This point now also functions as AP 1A, Tract 37.</p> <p>From this point the 1985 proportioned position bears S 81°45' E, 3.5 lks. dist.</p> <p>From this same point the Bureau of Reclamation marker, bears N 78°01' E, 5.566 chs. dist., monumented with a brass tablet, 3 3/4 ins. diam., seated in concrete, flush with the ground, with top mkd. PC 499+68.77 R.O.W. 125.00 RT. R-8.</p> <p>From this same point the witness cor. for the cor. of secs. 9, 10, 15, and 16, bears S 89°33' W, 1.858 chs. dist., (1985 Record: S 89°45' W, 1.90 chs.) monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd. as described in the official record of the 1985 dependent resurvey of T 4 N, R 3 W. A steel fence post is near the cor. Add the marks 1986 on the brass cap.</p>

Corrective Dependent Resurvey of a Portion of the Subdivisional Lines
T 4 N, R 3 W, Gila and Salt River Mer., Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 10 and 15, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 $\frac{S10}{S15}$ 1915</p> <p>S 89°53' W, bet. secs. 10 and 15.</p> <p>Over nearly level land.</p>
40.025	<p>The true point for the cor. of secs. 9, 10, 15, and 16, identical with AP 1A, Tract 37.</p> <hr/>
	<p>N 0°04' E, bet. secs. 9 and 10.</p> <p>Over nearly level land.</p>
40.025	<p>The 1/4 sec. cor. of secs. 9 and 10, monumented with an iron post, 1 in. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S9 S10 1915</p> <hr/>
	<p>From the true point for the cor. of secs. 9, 10, 15, and 16, identical with AP 1A, Tract 37.</p> <p>S 89°45' W, bet. secs. 9 and 16, on line 1A-2, Tract 37.</p> <p>Over nearly level land.</p>
39.96	<p>The 1/4 sec. cor. of secs. 9 and 16, identical with AP 2, Tract 37, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 $\frac{S9}{S16}$ 1915</p> <hr/>

Corrective Survey of a Portion of Tract 37
T 4 N, R 3 W, Gila and Salt River Mer., Arizona

CHAINS

Correction of a Portion of the Survey executed by
Stephen J. Malloy in 1985

From a Bureau of Reclamation right-of-way marker, on the southerly right-of-way line of the C.A.P. Canal, monumented with a brass tablet, 3 3/4 ins. diam., seated in concrete, flush with the ground, with top mkd. 490+00.07 R.O.W. 125.00 RT. R-8.

N 54°40' E, on a portion of line 11-12A, Tract 37, on the southerly right-of-way line of the C.A.P. Canal.

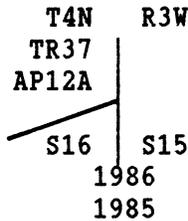
Along fence.

8.00

Point for AP 12A, Tract 37, at intersection with the line between secs. 15 and 16.

From this point AP 12, monumented in 1985, bears N 54°40' E, 4 lks. dist., a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground.

Remove the stainless steel post, 28 ins. long, from the found position and reset it at the correct position, 24 ins. in the ground, remark the brass cap to read.



Deposit the same magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.

From this same point a Bureau of Reclamation right-of-way marker, a brass tablet, 3 3/4 ins. diam., seated in concrete, flush with the ground, with top mkd. PC 499+68.77 R.O.W. 125.00 RT. R-8, bears N 54°40' E, 6.68 chs. dist.

Corrective Survey of a Portion of Tract 37
T 4 N, R 3 W, Gila and Salt River Mer., Arizona

CHAINS	<p>N 0°05' E, on line 12A-1A, Tract 37, identical with a portion of the line bet. secs. 15 and 16.</p> <p>2.705 The true point for the cor. of secs. 9, 10, 15, and 16, identical with AP 1A, Tract 37.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land encompassed in this corrective survey is located about 2 miles SW of Luke Air Force Auxiliary Field No. 1 and is nearly level desert land covered with creosote and about 1500 ft. above sea level. Access is by way of improved and unimproved roads.</p>
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Robert M. Charboneau	Surveying Technician
Rebecca Ramirez	Surveying Aid

CERTIFICATE OF SURVEY

I, Duane R. Garoutte, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 8th day of November, 1985, supplemental special instructions dated November 25, 1986, and second supplemental special instructions dated December 19, 1986, I have made a corrective dependent resurvey of a portion of the subdivisional lines and a corrective metes-and-bounds survey of a portion of Tract 37 in Township 4 North, Range 3 West, 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.

Jan. 3, 1989
(Date)

Duane R. Garoutte
(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the corrective dependent resurvey of a portion of the subdivisional lines and the corrective metes-and-bounds survey of a portion of Tract 37 in Township 4 North, Range 3 West, Gila and Salt River Meridian, Arizona, executed by Duane R. Garoutte, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JAN 17 1989
(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 4 N, R 3 W, Gila and Salt River Meridian, Arizona is a true copy of the original field notes.~~

~~_____
(Date)~~

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