

BOOK 5222

1

ORIGINAL

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION

OF THE SUBDIVISIONAL LINES

AND

THE SURVEY OF THE SUBDIVISION OF SECTION 16

AND

THE METES-AND-BOUNDS SURVEY OF TRACT 37

IN

TOWNSHIP 4 NORTH, RANGE 3 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Stephen J. Malloy, Cadastral Surveyor

Under special instructions dated November 8, 1985, approved November 8 1985

, which provided for the surveys included under Group Number 674 and assignment instructions dated November 12, 1985.

Survey commenced November 13, 1985

Survey completed November 19, 1985

BOOK 5222

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

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, the survey of the subdivision of section 16, and the metes-and-bounds survey of Tract 37, Township 4 North, Range 3 West, Gila and Salt River Meridian, Arizona.

The subdivisional lines of the township were surveyed by H. D. Voigt and R. J. Gill, U. S. Transitman, in 1915-1916.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated November 8, 1985, for Group No. 674, 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. Lost corners pertaining to the right-of-way of the Central Arizona Project Canal were restored and monumented at proportionate positions based on the Bureau of Reclamation's survey, as shown on diagram No. 344-330-2218. 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, and refer to the true meridian. Distances and angles were measured with a Ziess total station.

The geographic position of the southeast corner of section 16, as determined from a tie made to U.S.C.& G.S. triangulation station "WAGNER," located in the SE quarter of section 36, Township 4 North, Range 4 West, is as follows:

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

The mean magnetic declination is 14° E.

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

Reestablishment of the survey executed by
H. D. Voigt and R. J. Gill, U. S. Transitmen,
in 1915-1916

Beginning at the cor. of secs. 15, 16, 21 and 22,
monumented with an iron post, 2½ ins. diam., projecting
4 ins. above ground, with brass cap mkd.

T4N	R3W
S S	
16 15	
S S	
21 22	
1915	

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

CHAINS	
	<p>From this point U.S.C. & G.S. triangulation station "WAGNER," bears S 51°16'45" W (forward bearing), 347.603 chs. dist., monumented with a brass tablet, 3¼ ins. diam., set flush with the ground, with top mkd. WAGNER 1947.</p> <p>N 0°03' E, bet. secs. 15 and 16.</p> <p>Over gently rolling land.</p>
25.25	A graded road, bears S 75° E and N 75° W.
35.45	A wash, 45 lks. wide, drains S 80° E.
40.01	<p>The ¼ sec. cor. of secs. 15 and 16, monumented with an iron post, 2 1/2 ins. diam., projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">¼ S16 S15 1915</p> <hr/> <p>N 0°08' E, beginning new measurement.</p>
37.35	AP 12, Tract 37, hereinafter described.
40.03	<p>True point for the cor. of secs. 9, 10, 15 and 16, at proportionate dist., falls in C.A.P. Canal; there is no remaining evidence of the original cor. This point now also stands for AP 1, Tract 37.</p> <hr/> <p>From the ¼ sec. cor. of secs. 10 and 15, monumented with an iron post, 1 in. diam., projecting 18 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">¼ S10 S15 1915</p> <p>S 89°52' W, bet. secs. 10 and 15.</p> <p>Over rolling land.</p>
39.99	The true point for the cor. of secs. 9, 10, 15 and 16, and AP 1, Tract 37.
	<p>N 0°01' E, bet. secs. 9 and 10.</p> <p>Over rolling land.</p>
40.03	<p>The ¼ sec. cor. of secs. 9 and 10, monumented with an iron post, 1 in. diam., projecting 15 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">¼ S9 S10 1915</p> <hr/> <p>From the cor. of secs. 15, 16, 21 and 22.</p> <p>S 89°55' W, bet. secs. 16 and 21.</p> <p>Over rolling land.</p>

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

CHAINS	
39.95	<p>The 1/4 sec. cor. of secs. 16 and 21, monumented with an iron post, 1 in. diam., projecting 18 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;"> $\frac{1}{4}$ $\frac{S16}{S21}$ 1915 </p>
	<p>From the 1/4 sec. cor. of secs. 16 and 17, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;"> $\frac{1}{4}$ S17 S16 1915 </p>
	<p>This cor. now also stands for AP 6, Tract 37.</p> <p>N 0°03' E, bet. secs. 16 and 17.</p> <p>Over rolling land.</p>
2.20	<p>Bridge, over the C.A.P. Canal, extends N and S.</p>
12.50	<p>AP 5, Tract 37, hereinafter described, continue along a barbwire fence extending N.</p>
29.89	<p>An open end pipe, of unknown origin, 36 ins. long, 1 in. diam., projecting 18 ins. above ground.</p>
40.03	<p>The cor. of secs. 7, 8, 16 and 17, monumented with an iron post, 2 ins. diam., projecting 20 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;"> T4N R3W S8 S9 S17 S16 1915 </p>
	<p>From the true point for the cor. of secs. 9, 10, 15 and 16, and AP 1, Tract 37.</p> <p>S 89°45' W, bet. secs. 9 and 16.</p> <p>Over rolling land.</p>
1.90	<p>Point selected for the witness cor. to the cor. of secs. 9, 10, 15 and 16, and AP 1, Tract 37.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> WC T4NR3W S9 S10 S16 S15 1985 </p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p>
40.00	<p>The 1/4 sec. cor. of secs. 9 and 16, monumented with an iron post, 1 in. diam., projecting 12 ins. above ground, with brass cap mkd.</p>

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

CHAINS	
	<p style="text-align: center;">$\frac{1}{4}$ $\frac{S9}{S16}$ 1915</p> <p>This cor. now also stands for AP 2, Tract 37.</p> <hr/> <p>S 89°59' W, beginning new measurement. Over rolling land.</p>
28.64	AP 3, Tract 37, hereinafter described.
39.96	The cor. of secs. 8, 9, 16 and 17.
	<hr/> <p>Survey of the Subdivision of Sec. 16 T 4 N, R 3 W Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>From the $\frac{1}{4}$ sec. cor. of secs. 16 and 21. N 0°03' E, on the N and S center line of sec. 16. Over rolling land.</p>
36.00	Graded road, 15 lks. wide, bears N 65° E, and West.
39.99	Point for the center $\frac{1}{4}$ sec. cor. of sec. 16, at the intersection with the E and W center line of sec. 16. Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p>T4N R3W C 1/4 S16 1985</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post. Set a steel fence post near the cor.</p>
49.04	Intersect the southerly boundary of Tract 37, at a point from which AP 8, Tract 37, bears N 54°40' E, 1.63 chs. dist., hereinafter described.
79.93	The $\frac{1}{4}$ sec. cor. of secs. 9 and 16, and AP 2, Tract 37.
	<hr/>
	<p>From the $\frac{1}{4}$ sec. cor. of secs. 15 and 16. S 89°53' W, on the E and W center line of sec. 16. Over rolling land.</p>
39.94	The center 1/4 sec. cor. of sec. 16.
52.74	AP 7, Tract 37, hereinafter described; continue on the E and W center line, identical to line 7-6, Tract 37.
79.90	The $\frac{1}{4}$ sec. cor. of secs. 16 and 17, and AP 6, Tract 37.

Survey of Tract 37,
T 4 N, R 3 W
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the true point for the cor. of secs. 9, 10, 15 and 16, which is identical to AP 1 of Tract 37.</p> <p>S 89°45' W, on line 1-2, Tract 37, identical to a portion of the line bet. secs. 9 and 16.</p>
1.90	<p>The witness cor. to the cor. of secs. 9, 10, 15 and 16, and AP 1, Tract 37.</p>
40.00	<p>The ¼ sec. cor. of secs. 9 and 16, indential to AP 2, Tract 37.</p>
	<hr/> <p>S 89°59' W. on line 2-3, Tract 37, identical to a portion of the line line bet. secs. 9 and 16.</p>
28.64	<p>Point for AP 3, Tract 37, at the intersection with the northerly right-of-way line of the C.A.P. Canal.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T4N R3W</p> <p>S9</p> <p>S16 \ AP3</p> <p>TR37</p> <p>1985</p> </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>Set a steel fence post near the cor.</p> <p>From this point a private survey cor., monumented with a ½ in. diam. rebar, bears N 25°03' W, 0.93 ch. dist., established by McNeil E. Glassburn, Registered Land Surveyor, No.7910. This monument was used to establish the bearing of the C.A.P. Canal right-of-way line bet. AP 3 and AP 4, Tract 37.</p> <p>From this same point a private survey cor., monumented with a ½ in. diam. rebar, bears N 25°03' W, 3.94 ch. dist., established by McNeil E. Glassburn, Registered Land Surveyor, No. 7910. This monument was used to establish the bearing of the C.A.P. Canal right-of-way line bet. AP 3 and AP 4, Tract 37.</p>
	<hr/> <p>S 25°03' E, on line 3-4, Tract 37, on the right-of-way line of the C.A.P. Canal.</p>
30.23	<p>Point for AP 4, Tract 37, established at bearing bearing intersection with the line from AP 5, Tract 37.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T4N R3W</p> <p>S16 \ TR37</p> <p>AP4</p> <p>1985</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p>

Survey of Tract 37,
T 4 N, R 3 W
Gila and Salt River Meridian, Arizona

CHAINS

The cor. is located N, 1.2 ft. dist., of a 4 strand barbwire fence extending NE and W.

S 89°40' W, on line 4-5, Tract 37, on the right-of-way line of the C.A.P. Canal.

24.14

Point for AP 5, Tract 37, at proportionate dist., on the line bet. secs. 16 and 17, based on the Bureau of Reclamation diagram No. 344-330-2218, representing the survey of the right-of-way line of the C.A.P. Canal.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T4NR3W
| S16
S17 |
| AP5
| TR37
1985

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

The cor. is located 11 ft. W of the center of a cattle guard and road which bears N and S, also 11 ft. E of a fence cor. which extends N, S, E and W.

S 0°03' W, on line 5-6, Tract 37, identical to a portion of the line bet. secs. 16 and 17.

12.50

The ¼ sec. cor. of secs. 16 and 17, identical to AP 6, Tract 37, hereinbefore described.

N 89°53' E, on line 6-7, Tract 37, identical to a portion of the E and W center line of sec. 16.

27.16

Point for AP 7, Tract 37, at intersection with the southerly right-of-way line of the C.A.P. Canal.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

T4NR3W
TR37
AP7
S16
1985

from which

A fence corner bears N 51½° E, 2.84 chs. dist., cyclone fence extends N 55° E and West.

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

Set a steel fence post near the cor.

N 54°40' E on line 7-8, Tract 37, on a line parallel to the bearing of line 9-10, Tract 37.

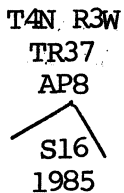
Survey of Tract 37,
T 4 N, R 3 W
Gila and Salt River Meridian, Arizona

CHAINS

15.70 Intersect the N and S center line of sec. 16.

17.33 Point for AP 8, Tract 37, at intersection with a line perpendicular to line 9-10, Tract 37.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.



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

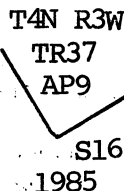
Set a steel fence post near the cor.

S 35°20' W., on line 8-9, Tract 37, on a line perpendicular to line 9-10, Tract 37.

1.135 AP 9, monumented with a rebar, 5/8 in. diam., 29 ins. long firmly set, projecting 3 ins. above ground, with aluminum cap mkd. ROW.

At the cor. point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.



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

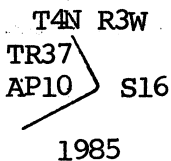
Set a steel fence post near the cor.

N 54°40' E, on line 9-10, Tract 37.

6.06 AP 10, Tract 37, monumented with a rebar, 5/8 in. diam., 31 ins. long firmly set, projecting 3 ins. above ground, with aluminum cap mkd. ROW.

At the cor. point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 30 ins. in the ground, with brass cap mkd.



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

Survey of Tract 37,
T 4 N, R 3 W
Gila and Salt River Meridian, Arizona

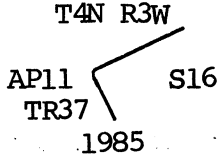
CHAINS

Set a steel fence post near the cor.

N 35°20' W. on line 10-11, Tract 37, on a line perpendicular to line 9-10, Tract 37.

1.135 Point for AP 11, Tract 37.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.



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

Set a steel fence post near the cor.

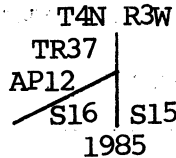
The cor. is located at a fence corner extending N 55° E and S 35° E.

N 54°40' E. on line 11-12, Tract 37.

33.34 A brass tablet, established by the Bureau of Reclamation for the right-of-way of the C.A.P. Canal, and used for alinement, is firmly set in cement, the brass tablet, 4 ins. diam., is mkd. 490+00.07 ROW 125.00 RT R-8.

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

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.



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

Set a steel fence post near the cor.

The cor. is located S, 2.9 ft. from a cyclone fence extending N 55° E and S 55° W.

N 0°08' E., on line 12-1, Tract 37, identical with a portion of the line bet. secs. 15 and 16.

2.68 The cor. of secs. 9, 10, 15 and 16, and also AP 1, Tract 37.

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

CHAINS

GENERAL DESCRIPTION

The land encompassed in this survey is located about 50 miles NW of Phoenix, Arizona. The elevation is about 1500 feet above sea level.

The land is gently rolling desert land covered with medium to dense creosote and scattered palo verde, mesquite and cacti.

Access is by way of numerous improved and unimproved roads.

The mean magnetic declination was determined to be 14° E.

CERTIFICATE OF SURVEY

I, Stephen J. Malloy, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 8th day of November 1985, I have dependently resurveyed a portion of the subdivisional lines and surveyed the subdivision of section 16, and the metes-and-bounds survey of Tract 37, 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.

MAR 03 1986

 (Date)



 (Cadastral Surveyor)

 (Date)

 (Cadastral Surveyor)

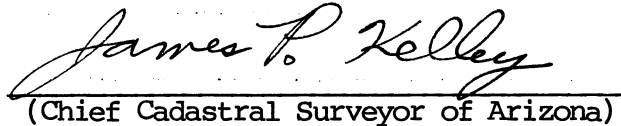
CERTIFICATE OF APPROVAL

Arizona State Office
Bureau of Land Management
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and the survey of the subdivision of section 16, and the metes-and-bounds survey of Tract 37, in Township 4 North, Range 3 West, Gila and Salt River Meridian, Arizona, executed by Stephen J. Malloy, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAR 03 1986

 (Date)



 (Chief Cadastral Surveyor of Arizona)