

ORIGINAL

1
BOOK 5226

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF A PORTION OF THE SUBDIVISIONAL LINES

IN

TOWNSHIP 4 SOUTH, RANGE 4 EAST

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

EXECUTED BY

Stephen J. Malloy, Cadastral Surveyor

Under special instructions dated March 18, 1985, approved March 18, 1985
and supplemental special instructions dated and approved
July 10, 1985, which provided for the surveys included under Group Number
663 and assignment instructions dated May 13, 1985.

Survey commenced May 14, 1985

Survey completed August 19, 1985

INDEX DIAGRAM

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T 4 S, R 4 E, Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, Township 4 South, Range 4 East, Gila and Salt River Meridian, Arizona.

The purpose of this survey is to determine the position of the south boundary of the Gila River Indian Reservation along the north boundary of sections 17 and 18, as originally established by T.F. White, U.S. Deputy Surveyor, in 1876, as shown on the plat approved September 15, 1876.

The south and west boundaries were surveyed by G.P. and W.F. Ingalls, in 1868. The north and east boundaries and subdivisional lines were surveyed by T. F. White, in 1876. The north, east and a portion of the west boundaries and a portion of the subdivisional lines within the Gila River Indian Reservation, were independently resurveyed by G.P. Harrington and R.A. Farmer, in 1910-1912. The subdivision of sections 1 through 12 were independently resurveyed by R.A. Farmer, in 1911. A portion of the south and east boundaries, a portion of the subdivisional lines and the subdivision of section 20 were dependently resurveyed by G.P. Harrington, in 1919.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated March 18, 1985, and the Supplemental Instructions dated July 10, 1985, for Group No. 663, Arizona.

Preliminary to the resurvey, the necessary lines of the original 1868 and 1876 survey, the 1910-12 independent resurvey and the 1919 dependent resurvey 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 previous records. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by altitude observations on the sun, and refer to the true meridian. Distance and angles were measured with a Zeiss Total Station instrument.

The geographic position of the southeast corner of section 8, as determined from a traverse tie made to U.S.C.&G.S. triangulation station "ENID, 1936", located in the NW quarter of section 18, T. 4 S., R. 2 E., is as follows:

Latitude: 33°05'15.6" N Longitude: 111°57'38.7" W

The mean magnetic declination is 14° E.

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T 4 S, R 4 E, Gila and Salt River Mer., Arizona

Reestablishment of the survey executed by T.F. White, U.S. Deputy Surveyor, in 1876, and independently resurveyed by G.P. Harrington and R.A. Farmer, U.S. Surveyors, in 1910-12 and dependently resurveyed by G.P. Harrington, U.S. Surveyor, in 1919

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CHAINS

Beginning at the cor. of secs. 8 and 9, established by Farmer, in 1910-12, monumented with the remains of an iron post, 1 in. diam., filled with cement, 18 ins. below ground.

At the cor. point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

T4S R4E
GRIR
S 8 | S 9

S16
1985

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

Deposit the original iron post alongside the stainless steel post.

Set a fiberglass marker alongside the cor.

From this point the U.S.C.&G.S. triangulation station "ENID 1936", bears S 88°05'12" W, 1114.79 chs. dist., monumented with a drill hole in rock outcropping. Point was verified by ties to reference monuments.

N 89°20' W, bet. secs. 8 and 16.

Over nearly level farm land, along the N edge of irrigated fields.

2.00

The cor. of secs. 16 and 17 only, originally established by White, in 1876, as the cor. of secs. 8, 9, 16 and 17, monumented with an open end pipe, of unknown origin, 18 ins. long, ¾ in. diam., projecting 3 ins. above ground. This position is harmoniously related to existing original cors., and is accepted as the best available evidence of the original cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.

S 8
S17 | S16

T4S R4E
1985

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

Deposit the original iron post alongside the stainless steel post.

Set a fiberglass marker alongside the cor.

Cor. is located 42 lks. N of an irrigation canal, 8 ft. wide, drains W.

N 89°32' W, bet. secs. 8 and 17.

Over nearly level land, along the N edge of an irrigated field.

Dependent Resurvey, a Portion of the Subdivisional Lines
T 4 S, R 4 E, Gila and Salt River Mer., Arizona

CHAINS		
18.00	<p>Point for the E 1/16 sec. cor. of sec. 8 only, established by Farmer, in 1910-12, at proportionate dist.; there is no evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T4S R4E E 1/16 S 8 1985</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Set a fiberglass marker alongside the cor.</p> <p>Cor. is located 56 lks. dist., N of a canal, 8 ft. wide, drains W.</p>	
38.00	<p>The ¼ sec. cor. of sec. 8 only, established by Farmer, in 1910-12, monumented with the remains of an iron post, 1 in. diam., 8 ins. below ground.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T4S R4E ¼ S 8 1985</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Deposit the original iron post alongside the stainless steel post.</p> <p>Set a fiberglass marker alongside the cor.</p> <p>Cor. is located 61 lks. dist., N of a canal, 8 ft. wide, drains NW.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N 89°39' W, beginning new measurement.</p> <p>Continue over nearly level ground, along the N edge of a cultivated field.</p>	
0.90	<p>Canal, 8 ft. wide, drains N 45° W from E.</p>	
2.01	<p>The ¼ sec. cor. of sec. 17 only, originally established by White, in 1876, and reestablished by proportionate measurement by Harrington, in 1919, perpetuated by Raymond Lee Jones, Registered Land Surveyor, No. 5713, AZ, monumented with a steel rebar, 12 ins. long, ½ in. diam., firmly set, projecting 2 ins. above ground atop the remains of the 1919 iron post, 1 in. diam, firmly set, and filled with cement.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p>	

Dependent Resurvey, a Portion of the Subdivisional Lines
T 4 S, R 4 E, Gila and Salt River Mer., Arizona

CHAINS	
	<p style="text-align: center;"> <u>1/4 S17</u> T4S R4E 1985 </p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Deposit the original iron post and rebar alongside the stainless steel post.</p> <p>Set a fiberglass marker alongside the cor.</p> <p>Cor. is located at end of old fence line extending W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N 89°30' W beginning new measurement.</p> <p>Continue over nearly level ground, along old fence line.</p>
17.99	<p>The W 1/16 sec. cor. of sec. 8 only, established by Farmer, in 1910-12, monumented with the remains of an iron post, 1 in. diam., firmly set, and filled with cement, 18 ins. below ground.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> T4S R4E GRIR <u>W 1/16 S 8</u> 1985 </p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Deposit the original iron post alongside the stainless steel post.</p> <p>Set a fiberglass marker alongside the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N 89°26' W beginning new measurement.</p> <p>Continue over nearly level ground along old fence line.</p>
19.84	<p>The cor. of secs. 7 and 8 only, established by Farmer, in 1910-12, monumented with the remains of an iron post, 1 in. diam., firmly set, and filled with cement, 26 ins. below ground.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> T4S R4E GRIR <u>S 7 S 8</u> S17 1985 </p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p>

Dependent Resurvey, a Portion of the Subdivisional Lines
T 4 S, R 4 E, Gila and Salt River Mer., Arizona

CHAINS

Deposit the original iron post alongside the stainless steel post.

Set a fiberglass marker alongside the cor.

Cor. is located 1 lk. E of fence brace.

N 89°52' W, bet. secs. 7 and 17.

Over nearly level ground, along old fence line.

2.03 Point for the cor. of secs. 17 and 18 only, originally established by White, in 1876, as the cor. of secs. 7, 8, 17 and 18, at proportionate dist. longitudinally and on the S bdy. of sec. 7; there is no remaining evidence of the original cor. Retracement of lines 4 miles to the south and 2 miles to the north, as well as 6 miles of the N bdy., yielded no evidence of the original 1876 monuments.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

GRIR
S 7
S18 | S17
T4S R4E
1985

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

Set a fiberglass marker alongside the cor.

Cor. is located in a barbed wire fence line, extends E and W.

N 89°52' W, bet. secs. 7 and 18.

Over nearly level ground, alongside fence line.

18.15 The E 1/16 sec. cor. of sec. 7 only, established by Farmer, in 1910-12, monumented with the remains of an iron post, 1 in. diam., firmly set, and filled with cement, 8 ins. below ground.

At the cor. point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.

T4S R4E
GRIR
E 1/16 S 7
1985

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

Deposit the original iron post alongside the stainless steel post.

Set a fiberglass marker alongside the cor.

Dependent Resurvey, a Portion of the Subdivisional Lines
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CHAINS	
20.04	<p>N 89°14' W, beginning new measurement.</p> <p>Continue over nearly level ground along old fence line.</p> <p>The $\frac{1}{4}$ sec. cor. of sec. 7 only, established by Farmer, in 1910-12, monumented with an iron post, 1 in. diam., projecting 1 in. above ground, with brass cap mkd.</p>
	<p style="text-align: center;">GRIR <u>$\frac{1}{4}$ S 7</u> 1911</p>
	<p>Set a fiberglass marker alongside the cor.</p>
	<p>N 89°42' W, beginning new measurement.</p> <p>Continue asc. over E slope of retaining wall for canal.</p>
1.76	<p>Point for the $\frac{1}{4}$ sec. cor. of sec. 18 only, originally established by White, in 1876, as the $\frac{1}{4}$ sec. cor. of secs. 7 and 18, at proportionate dist. longitudinally and on the S bdy. of sec. 7; there is no remaining evidence of the original cor.</p>
	<p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 31 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">GRIR <u>$\frac{1}{4}$ S18</u> T4S R4E 1985</p>
	<p>from which</p>
	<p style="text-align: center;">A power pole, bears N 46° E, 83 lks. dist., lines extend N and S.</p>
	<p>Deposit a magnet in a 1 x 1 x 2 $\frac{5}{8}$ in. white colored plastic case beneath the stainless steel post.</p>
	<p>Cor. is located on retaining wall at the NE cor. of canal, flowing from S to W.</p>
19.97	<p>Point for the W $\frac{1}{16}$ sec. cor. of sec. 7 only, established by Farmer, in 1910-12, at proportionate dist.; there is no evidence of the original cor.</p>
	<p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T4S R4E GRIR <u>W $\frac{1}{16}$ S 7</u> 1985</p>
	<p>Deposit a magnet in a 1 x 1 x 2 $\frac{5}{8}$ in. white colored plastic case beneath the stainless steel post.</p>
	<p>Set a fiberglass marker alongside the cor.</p>
	<p>Cor. is located in bottom of canal 90 lks. wide, drains W.</p>

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CHAINS

38.95

The cor. of secs. 7 and 12 only, Tps. 4 S, Rs. 3 and 4 E, established by Harrington and Farmer, in 1910-12, perpetuated by Raymond Lee Jones, Registered Land Surveyor, No. 5713, AZ, monumented with a steel rebar, 12 ins. long, 1/2 in. diam., firmly set, projecting 3 ins. above ground. This position is harmoniously related to the existing Farmer cors. and is accepted as the best available evidence of the original Farmer cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

GRIR
T4S
R3E | R4E
S12 | S 7

S18
T4S R4E
1985

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

Deposit the rebar alongside the stainless steel post.

Set a fiberglass marker alongside the cor.

Cor. is located on S retaining wall of canal flowing from E to N.

N 89°32' W, bet. sec. 12, T 4 S, R 3 E, and sec. 18, T 4 S, R 4 E.

Desc. over W slope, over rolling, broken land.

1.30

Power line, bears N and S.

2.20

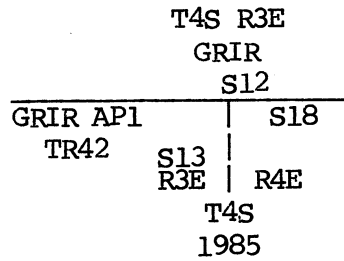
The cor. of secs. 13 and 18 only, Tps. 4 S, Rs. 3 and 4 E, originally established by G.P. and W.F. Ingalls, in 1868, as the cor. of secs. 7, 12, 13 and 18, found and used by Harrington and Farmer in 1910-12, to determine the southern limit of their resurvey, perpetuated by Raymond Lee Jones, Registered Land Surveyor, No. 5713, AZ, monumented with a steel rebar, 12 ins. long, 1/2 in. diam., firmly set, flush in ground with an aluminum cap marked with illegible marks. This position is harmoniously related to the existing cors. and is accepted as the best available evidence of the original 1868 cor. position. Retracement of the north 2 miles of the range line yielded no evidence of the original 1868 monuments. This cor. now stands for AP 1, Tract 42, T 4 S, R 3 E, also.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 33 ins. in the ground, with brass cap mkd.

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CHAINS



from which

A power pole, bears N 67° E, 97½ lks. dist.,
lines extend N and S.

A power pole, bears S 46½° W, 60 lks. dist.,
lines extend N and S.

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

Deposit the rebar alongside the stainless steel post.

Cor. is located in the intersection of dirt roads, 30
lks. wide, bear N, E, S and W.

General Description

The area in this survey is located about 4 miles
northeast of Maricopa, Arizona. The elevation is about
1170 ft. above sea level.

Access is by way of dirt roads.

The soil being irrigated by local farmers and consisting
of sand clay loam supports an abundant crop of cotton.

There were no minerals of value noted in the course of
survey.

The mean magnetic declination throughout the township
is 14° E, with a range of 1° in local attraction.

CERTIFICATE OF SURVEY

I, Stephen J. Malloy, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 18th day of March 1985, and supplemental special instructions dated July 10, 1985, I have dependently resurveyed a portion of the subdivisional lines of Township 4 South, Range 4 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.

MAR 31 1986

(Date)

Stephen J. Malloy
(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 of Township 4 South, Range 4 East, Gila and Salt River Meridian, Arizona, executed by Stephen J. Malloy, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

APR 30 1986

(Date)

James P. Kelley
(Chief Cadastral Surveyor of Arizona)