

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF PORTIONS
OF THE SECOND GUIDE MERIDIAN EAST (WEST BOUNDARY)
AND SUBDIVISIONAL LINES
AND THE SUBDIVISION OF SECTION 7
TOWNSHIP 14 SOUTH, RANGE 11 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA

EXECUTED BY

JOE R. SALAZAR, Cadastral Surveyor

Under Special Instructions dated March 19, 2002, approved March 19, 2002, which provided for the surveys included under Group No. 882, and assignment instructions dated March 19, 2002.

Survey commenced September 9, 2003

Survey completed September 15, 2003

INDEX DIAGRAM

TOWNSHIP 14 SOUTH RANGE 11 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA

| | | | | | |
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T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of the Second Guide Meridian East (west boundary) and subdivisional lines and the subdivision of section 7, Township 14 South, Range 11 East, Gila and Salt River Meridian, Arizona.

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

Solomon W. Foreman surveyed the Second Guide Meridian East (west boundary) in 1871. Philip Contzen resurveyed the Second Guide Meridian East (west boundary) in 1895 and surveyed the north and east boundaries and the subdivisional lines in 1903. Joe R. Salazar dependently resurveyed a portion of the south boundary, Township 13 South, Range 10 East, in 2001-02.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated March 19, 2002, for Group No. 882, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 4700 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from first order United States Coast and Geodetic Survey triangulation station H 301 1951, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the corner of sections 7, 8, 17 and 18, is as follows:

Latitude: 32°13'09.00" N. Longitude: 111°15'08.26" W.

The mean magnetic declination is 11 1/4° E.

**Dependent Resurvey of a Portion of
the Second Guide Meridian East (West Boundary),
T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona**

CHAINS

Restoring the resurvey executed by
Philip Contzen, in 1895

Beginning at the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., determined at the corner of fences, extending North, East and West. This is accepted as the best available evidence of the original cor. position.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

| | |
|--------|--------|
| T 14 S | |
| R 10 E | R 11 E |
| S 12 | S 7 |
| S 13 | S 18 |

2003

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

From this cor. point, a local monument, set by Robert Douglas Miller, Arizona registered land surveyor No. 13564, bears N. 6°01' E., 60 lks. dist., an iron pipe, 1 in. diam., firmly set, projecting 2 ins. above the ground, with aluminum cap mkd. T14S R11E S12 S7 S13 S18 T14S R10E RLS 13564. This monument is not utilized in the course of this resurvey.

N. 0°03' W., bet. secs. 7 and 12, on the W. bdy. of the Tp.

Over nearly level desert terrain, through scattered mesquite and cacti.

40.38

Point for the 1/4 sec. cor. of secs. 7 and 12, at proportionate distance; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

| | |
|--------|--------|
| T 14 S | |
| 1/4 | |
| R 10 E | R 11 E |
| S 12 | S 7 |

2003

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located 9 lks. E. of a fence, extending North and South.

**Dependent Resurvey of a Portion of
the Second Guide Meridian East (West Boundary),
T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|--------|---|
| 60.57 | <p>Point for the N. 1/16 sec. cor. of secs. 7 and 12.</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;">T14S R10E R11E N 1/16 S 12 S 7</p> <p style="text-align: center;">2003</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located 14 lks. E. of a fence, extending North and South.</p> <p>From this cor. point, a local monument, set by Donald R. Zucarelli, Arizona registered land surveyor No. 19863, bears N. 5°23' E., 15 lks. dist., a rebar, 1/2 in. diam., firmly set, projecting 1 in. above the ground, with aluminum cap mkd. 1996 N1/16 S12 S7. This monument is not utilized in the course of this resurvey.</p> <p>From this same cor. point, the corner of fences, bears N. 10°14' W., 78 lks. dist., with fences extending North, East and South.</p> <p>Thence along the Ironwood Forest National Monument Boundary.</p> |
| 80.76 | <p>The cor. of secs. 1, 6, 7 and 12, monumented by person(s) unknown, accepted and recorded by Jerry R. Jones, Arizona registered land surveyor No. 16845, in the Pima County Recorders Office, Bk. 12, Page 87, with a iron pipe, 2 ins diam., 36 ins. long, firmly set, projecting 8 ins. above the ground, with lead cap mkd. 1 6 12 7 R11E. This point has been accepted by local surveyors as the sec. cor. and is accepted as the best available evidence of the original cor. position.</p> <p>At the corner point</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;">T 14 S R 10 E R 11 E S 1 S 6 S 12 S 7</p> <p style="text-align: center;">2003</p> |

**Dependent Resurvey of a Portion of
the Second Guide Meridian East (West Boundary),
T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona**

CHAINS

Deposit a magnet, in a white plastic case, at the base, and the iron pipe alongside, of the stainless steel post.

Cor. is located on the W. bank of a drainage ditch and at the corner of fences, extending North, South and West.

From this cor. point, U. S. Coast and Geodetic Survey triangulation station H 301 1951, bears N. 59°35' W., 141.04 chs. dist., monumented with a standard disk 3 1/2 ins. diam., incased in a concrete cylinder, 1 ft. diam., firmly set, projecting 4 ins. above the ground, with top mkd. H 301.

N. 0°28' W., bet. secs. 1 and 6, on the W. bdy. of the Tp., along the Ironwood Forest National Monument Boundary.

Over nearly level desert terrain, through scattered mesquite and cacti, along the W. bank of a drainage ditch.

40.02

Point for the 1/4 sec. cor. of secs. 1 and 6, at proportionate distance; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

| | | |
|--------|--|--------|
| T 14 S | | |
| 1/4 | | |
| R 10 E | | R 11 E |
| S 1 | | S 6 |

2003

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on the W. bank of a drainage ditch, drains North.

80.04

The cor. of Tps. 13 and 14 S., Rs. 10 and 11 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. T13S R10E R11E S36 S31 S1 S6 T14S 2002.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Philip Contzen, in 1903

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona**

| | | | | | | | | | |
|---------------|---|--------|--------|-----|-----|------|------|------|--|
| <p>CHAINS</p> | <p>From the cor. of secs. 7, 8, 17 and 18, determined at the corner of fences, extending North, East and West. This is accepted as the best available evidence of the original cor. position.</p> <p>At the corner point</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> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 14 S</td> <td>R 11 E</td> </tr> <tr> <td>S 7</td> <td>S 8</td> </tr> <tr> <td>S 18</td> <td>S 17</td> </tr> </table> <p style="text-align: center;">2003</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this cor. point, a local monument, set by Robert Douglas Miller, Arizona registered land surveyor No. 13564, bears S. 89°09' E., 25 lks. dist., an iron pipe, 1 in. diam., firmly set, projecting 2 ins. above the ground, with aluminum cap mkd. T14S R11E S7 S8 S18 S17 RLS 13564. This monument is not utilized in the course of this resurvey.</p> <p>S. 89°29' W., bet. secs. 7 and 18.</p> <p>Over nearly level desert terrain, through scattered mesquite and cacti, along a fence.</p> | T 14 S | R 11 E | S 7 | S 8 | S 18 | S 17 | | |
| T 14 S | R 11 E | | | | | | | | |
| S 7 | S 8 | | | | | | | | |
| S 18 | S 17 | | | | | | | | |
| <p>40.03</p> | <p>Point for the 1/4 sec. cor. of secs. 7 and 18, at proportionate distance; there is no remaining evidence of the original cor.</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> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 14 S</td> <td>R 11 E</td> </tr> <tr> <td>S 7</td> <td></td> </tr> <tr> <td>1/4</td> <td>—</td> </tr> <tr> <td>S 18</td> <td></td> </tr> </table> <p style="text-align: center;">2003</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this cor. point, a local monument, set by Robert Douglas Miller, Arizona registered land surveyor No. 13564, bears N. 75°43' W., 1.19 chs. dist., an iron pipe, 1 in. diam., firmly set, projecting 8 ins. above the ground, with aluminum cap mkd. T14S R11E 1/4 S7 S18 RLS 13564. This monument is not utilized in the course of this resurvey.</p> | T 14 S | R 11 E | S 7 | | 1/4 | — | S 18 | |
| T 14 S | R 11 E | | | | | | | | |
| S 7 | | | | | | | | | |
| 1/4 | — | | | | | | | | |
| S 18 | | | | | | | | | |

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona

| CHAINS | |
|--------|--|
| | <p>From this same cor. point, the corner of fences, bears N. 83°02' W., 2.27 chs. dist., with fences extending East, West and abandoned fence South.</p> |
| 82.75 | <p>The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., hereinbefore described.</p> <hr/> |
| | <p>From the cor. of secs. 7, 8, 17 and 18.</p> <p>N. 0°16' W., bet. secs. 7 and 8, along the Ironwood Forest National Monument Boundary.</p> <p>Over nearly level desert terrain, along a fence.</p> <p>Point for the 1/4 sec. cor. of secs. 7 and 8, at proportionate distance; there is no remaining evidence of the original cor.</p> |
| 40.08 | <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;">T 14 S R 11 E 1/4 S 7 S 8 2003</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> |
| | <p>Cor. is located in a newer fence, extending North and South and 3 lks. E. of an older fence, extending North and South.</p> |
| 80.16 | <p>The cor. of secs. 5, 6, 7 and 8, monumented with a wood post 8 X 6 ins., 18 ins. long, firmly set, flush with the surface of the ground, at the corner of fences, extending North, South and abandoned fence West. This is accepted as the best available evidence of the original corner.</p> <p>At the corner point</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;">T 14 S R 11 E S 6 S 5 S 7 S 8 2003</p> |
| | <p>Deposit a magnet, in a white plastic case, at the base, and the wood post alongside, of the stainless steel post.</p> |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona**

CHAINS

From this cor. point, a local monument, set by Donald R. Zucarelli, Arizona registered land surveyor No. 19863, bears S. 80°48' E., 29 lks. dist., an iron pipe, 1 in. diam., firmly set, 13 ins. below the surface of the ground, with aluminum cap mkd. S5 S6 S7 S8 1996. This monument is not utilized in the course of this resurvey.

From this same cor. point, a local monument, set by person(s) unknown, bears N. 3°47' E., 1.49 chs. dist., a rebar 1/2 in. diam, firmly set, projecting 1 in. above the ground, with aluminum cap mkd. PS 16. This monument is not utilized in the course of this resurvey.

From this same cor., a local monument, set by person(s) unknown, bears N. 78°17' W., 1.59 chs. dist., an unmarked iron pipe, 2 ins. diam., firmly set, projecting 8 in. above the ground. This monument is not utilized in the course of this resurvey.

S. 89°53' W., bet. secs. 6 and 7, along the Ironwood Forest National Monument Boundary.

Over nearly level desert terrain, through scattered mesquite and cacti.

39.90

Point for the 1/4 sec. cor. of secs. 6 and 7, at proportionate distance; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 5 ins. below the surface of the ground, with brass cap mkd.

T 14 S R 11 E
S 6
1/4 ———
S 7

2003

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on the E. edge of a gravel road, bears North and South.

From this cor. point, a local monument, set by Robert Douglas Miller, Arizona registered land surveyor No. 13564, bears S. 80°22' E., 15 lks. dist., an iron pipe, 1 in. diam., firmly set, 1 in. below the surface of the ground, with aluminum cap mkd. 1/4 S6 S7 1996. This monument is not utilized during the course of this resurvey.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona**

| | |
|--------|--|
| CHAINS | <p>Thence leave the Ironwood Forest National Monument Boundary.</p> |
| 82.43 | <p>The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., hereinbefore described.</p> <hr/> <p style="text-align: center;">Subdivision of Section 7, T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 7 and 18.</p> <p>N. 0°11' W., on the N. and S. center line of sec. 7.</p> <p>Over nearly level desert terrain, through scattered mesquite and cacti.</p> |
| 40.22 | <p>Point for the center 1/4 sec. cor. of sec. 7, at intersection with the E. and W. center line of sec. 7.</p> <p>Cor. not monumented.</p> |
| 60.33 | <p>Point for the center N. 1/16 sec. cor. of sec. 7.</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;">T14S R11E C N 1/16 S 7 C</p> <p style="text-align: center;">2003</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this cor. point, a local monument, set by person(s) unknown, bears N. 37°59' E., 1.26 chs. dist., a rebar, 1/2 in. diam., firmly set, projecting 1 in. above the ground, with aluminum cap mkd. RP. This monument is not utilized in the course of this resurvey.</p> <p>From this same cor. point, the corner of fences, bears N. 41°44' E., 1.72 chs. dist., with fences extending North and West.</p> <p>From this same cor. point, a local monument, set by Donald R. Zucarelli, Arizona registered land surveyor No. 19863, bears N. 70°06' E., 15 lks. dist., an iron pipe, 1 in. diam., firmly set, projecting 2 ins. above the ground, with aluminum cap mkd. 1996 CN1/16. This monument is not utilized in the course of this resurvey.</p> |

**Subdivision of section 7,
T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
|--------|---|
| 80.44 | <p>From this cor. point, a local monument, set by person(s) unknown, bears N. 28°12' W., 1.09 chs. dist., a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground, with aluminum cap mkd. RP and an attached tag mkd. PC DOT; located in a fence extending East and West. This monument is not utilized in the course of this resurvey.</p> <p>Thence along the Ironwood Forest National Monument Boundary.</p> <p>The 1/4 sec. cor. of secs. 6 and 7.</p> <hr/> |
| 39.97 | <p>From the 1/4 sec. cor. of secs. 7 and 8.</p> <p>S. 89°41' W., on the E. and W. center line of sec. 7.</p> <p>Over nearly level desert terrain, through scattered mesquite and cacti.</p> <p>The center 1/4 sec. cor. of sec. 7.</p> |
| 82.59 | <p>The 1/4 sec. cor. of secs. 7 and 12, on the W. bdy. of the Tp.</p> <hr/> <p style="text-align: center;">NW 1/4</p> <hr/> |
| 42.58 | <p>From the center N. 1/16 sec. cor. of sec. 7.</p> <p>S. 89°47' W., along the E. and W. center line of the NW 1/4 of sec. 7, along the Ironwood Forest National Monument Boundary.</p> <p>Over nearly level desert terrain, through scattered mesquite and cacti.</p> <p>The N. 1/16 sec. cor. of secs. 7 and 12, on the W. bdy. of the Tp.</p> <hr/> |

T. 14 S., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area embraced by this survey is approximately 10 miles west of the town of Marana, Arizona, situated adjacent to Interstate Highway 10.

The terrain is mostly rolling to flat desert, with evidence of some abandoned farms, there is no occupancy within the area. Vegetation consists mainly of mesquite, creosote and palo verde, with sparse native grasses and cacti.

The elevation is approximately 2000 ft. above sea level.

The mean magnetic declination of $11\ 1/4^\circ$ E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

CERTIFICATE OF SURVEY

I, Joe R. Salazar, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 19th day of March, 2003, I have dependently resurveyed portions of the Second Guide Meridian East (west boundary) and subdivisional lines and subdivided section 7, T. 14 S., R. 11 E., 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. 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, 1973, and in specific manner described in the foregoing field notes.

12/13/06
(Date)

Joe R. Salazar
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of the Second Guide Meridian East (west boundary) and subdivisional lines and the subdivision of section 7, T. 14 S., R. 11 E., Gila and Salt River Meridian, in the State of Arizona, executed by Joe R. Salazar, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

4/09/2007
(Date)

Stephen K. Hansen
(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. 14 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)~~