

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 AN INFORMATIVE TRAVERSE

ALONG THE MEDIAL LINE OF THE GILA RIVER

IN SECTION 15

TOWNSHIP 4 SOUTH, RANGE 16 EAST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Paul L. Reeves, Supervisory Cadastral Surveyor

Under special instructions dated January 4, 19 83, approved January 4, 1983,

_____, which provided for the surveys included under U.S. Survey/Group
Number 636, and assignment instructions dated January 4, 19 83.

Survey commenced January 5, 19 83

Survey completed January 13, 19 83

INDEX DIAGRAM

Township 4 South, Range 16 East

| | | | | | |
|----|----|----|------------------|------------------|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 7 6 5 5 | 6 4 3 4 | 14 |
| 13 | | | | | |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

Informative traverse of the medial line of the Gila River ----- p. 7

T 4 S, R 16 E, Gila and Salt River Mer., Arizona

| CHAINS | |
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| | <p>The San Carlos Indian Reservation was surveyed through the Southwestern portion of section 15 in 1883, by Paul Riecker, resurveyed in 1946 by Dupree R. Averill and G. Marvis Litz, and again in 1973-74 by Ray Harpin and Douglas A. Cody. Section 15 was surveyed in 1911 by William H. Elliot.</p> <p>The following field notes are those of the dependent re-survey of a portion of the subdivisional lines and a survey of an informative traverse along the medial line of the Gila River in section 15, Township 4 South, Range 16 East, Gila and Salt River Meridian, Arizona.</p> <p>The informative traverse along the medial line of the Gila River is an ambulatory boundary and was surveyed to determine the acreages for lotting purposes only.</p> <p>The survey was executed in accordance with specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 636, Arizona, dated January 4, 1983.</p> <p>The directions of the lines of this survey were determined by altitude observations on the sun and refer to the true meridian. Distances were measured with a Zeiss Elta 4S Total Station instrument.</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. 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 geographic position of the witness cor. of secs. 14, 15, 22 and 23, as determined from a tie to the U.S.C.&G.S. triangulation station "LEE MOUNTAIN", is as follows:</p> <p style="padding-left: 40px;">Latitude: 33°04'41.28" N Longitude: 110°41'26.71" W</p> <p>The mean magnetic declination is 13°30' E.</p> <hr/> <p style="text-align: center;">Dependent Resurvey, a Portion of the Subdivisional Lines, T 4 S, R 16 E, Gila and Salt River Mer., Arizona</p> <hr/> <p style="text-align: center;">(Restoring the 1911 Survey by William H. Elliott)</p> <hr/> <p>Beginning at the true point for the cor. of secs. 14, 15, 22 and 23, which is in the Gila River. This point was determined to be on an extension of the line bet. secs. 14 and 15, and at record distance from the witness cor. of secs. 14, 15, 22 and 23.</p> <p>N 0°19' E, bet. secs. 14 and 15.</p> <p>Over river bottom land.</p> <p>3.56 The witness cor. of secs. 14, 15, 22 and 23, monumented with an iron post, 2 ins. diam., projecting 8 ins. above ground, with brass cap mkd.</p> |

Dependent Resurvey, a Portion of Subdivisional Lines
T 4 S, R 16 E, Gila and Salt River Mer., Arizona

| CHAINS | | |
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| | <p style="text-align: center;">T4S R16E S15 S14 W C S22 S23 1911</p> <p>Cor. is located 28 lks. N of a fence line, bears N 73° E and S 73° W.</p> <p>From this point the U.S.C.&G.S. triangulation station "LEE MOUNTAIN", bears S 24°26.5' E, 149.685 chs. dist., monumented with a brass tablet 3 1/4 ins. diam., set in a stone in place, 2 1/2 x 1 ft., mkd. LEE MOUNTAIN 1935.</p> | |
| 36.54 | <p>N 0°19' E, beginning new measurement.</p> <p>Over mountainous land, through medium to dense creosote, palo verde, mesquite and cacti.</p> <p>Point for the 1/4 sec. cor. of secs. 14 and 15, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 32 ins. in the ground, with cap mkd.</p> | |
| 37.16 | <p style="text-align: center;">T4S R16E 1/4 S15 S14 1983</p> <p>Medial line of the Gila River, 120 lks. wide, course N 55°05' E.</p> <p>This point is identical with the Pinal and Gila County lines and the San Carlos Indian Reservation, not monumented.</p> | |
| 58.43 | <p>Medial line of the Gila River, 90 lks. wide, course S 54°14' W.</p> <p>This point is identical with the Pinal and Gila County lines and the San Carlos Indian Reservation, not monumented.</p> | |
| 76.65 | <p style="text-align: center;">T4S R16E S10 S11 S15 S14 1911</p> <p>The cor. of secs. 10, 11, 14 and 15, monumented with an iron post, 2 ins. diam., projecting 30 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p>From the true point for the cor. of secs. 14, 15, 22 and 23.</p> <p>N 89°43' W, bet. secs. 15 and 22.</p> <p>Over mountainous land, through medium to dense creosote, palo verde, mesquite and cacti.</p> | |

Dependent Resurvey, a Portion of Subdivisional Lines
T 4 S, R 16 E, Gila and Salt River Mer., Arizona

| CHAINS | | |
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| 39.82 | <p>Point for the 1/4 sec. cor. of secs. 15 and 22, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an aluminum post, 36 ins. long, $\frac{3}{4}$ in. diam., 21 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">T4S R16E 1/4 $\frac{S15}{S22}$ 1983</p> | |
| 68.64 | <p>Intersect the W bdy. of the San Carlos Indian Reservation.</p> <p>From this point the 13 M + 66.73 chs. cor. on the W bdy. of the San Carlos Indian Reservation, bears S 0°01' W, 3.45 chs. dist., monumented with an iron post, 2½ ins. diam., projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T4S S C I R 13 M + R16E 66.73 1974</p> <p>Mound of stone, 2½ ft. base, 1 ft. high, E of cor.</p> <p>Cor. is located 1 lk. W of a N and S fence line.</p> <p>From this same point the 14 M + 10.38 chs. cor. on the W bdy. of the San Carlos Indian Reservation, bears N 0°01' E, 20.19 chs. dist., monumented with an iron post, 2½ ins. diam., top flush with ground, with brass cap mkd.</p> <p style="text-align: center;">T4S S C I R 14 M + R16E 10.38 1974</p> <p>Mound of stone, 3½ ft. base, 2½ ft. high, E of cor.</p> <p>Cor. is located in a N and S fence line, at base of a spur, bears S 60° E and N 60° W.</p> | |
| 79.64 | <p>The cor. of secs. 15, 16, 21 and 22, monumented with an iron post, 2 ins. diam., projecting 16 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T4S R16E S16 S15 S21 S22 1911</p> | |
| | <p>N 0°11' W, bet. secs. 15 and 16.</p> <p>Over mountainous land, through medium creosote, palo verde, yucca and cacti.</p> | |

Dependent Resurvey, a Portion of Subdivisional Lines
T 4 S, R 16 E, Gila and Salt River Mer., Arizona

| CHAINS | | |
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| 38.84 | <p>The 1/4 sec. cor. of secs. 15 and 16, monumented with an iron post, 1 in. diam., projecting 14 ins. above ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">1/4 S16 S15 1911</p> <hr style="width: 20%; margin: auto;"/> <p>N 0°46' E, beginning new measurement.</p> | |
| 40.48 | <p>Point for the cor. of secs. 9, 10, 15 and 16, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an aluminum post, 36 ins. long, ¾ in. diam., 20 ins. in the ground, in a mound of stone, 3½ ft. base, to top, with cap mkd.</p> <p style="text-align: center;">T4S R16E S 9 S10 S16 S15 1983</p> <p>Cor. is located 40 lks W of a track road, bears S 30° E and N 9° W.</p> <p>From this point, a local cor., of unknown origin, bears N 38° W, 30.2 lks. dist., monumented with an iron pin, 1 in. diam., projecting 6 ins. above ground, in a mound of stone, 2 ft. base, to top.</p> <p>From this same point, the 1/4 sec. cor. of secs. 9 and 10, bears N 0°13' E, 40.48 chs. dist., monumented with an iron post, 1 in. diam., projecting 14 ins. above ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd. as described in the official record of the 1911 survey.</p> <p>From this same point, the cor. of secs. 8, 9, 16 and 17, bears N 89°52' W, 80.39 chs. dist., monumented with an iron post, 2 ins. diam., projecting 16 ins. above ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd. as described in the official record of the 1911 survey.</p> <p>The control line was fully retraced and no evidence of the intervening cor. was found.</p> | |
| 39.50 | <hr/> <p>From the cor. of secs. 10, 11, 14 and 15.</p> <p>N 89°51' W, bet. secs. 10 and 15.</p> <p>Over mountainous land, through medium creosote, palo verde, mesquite, yucca, cat claw and cacti.</p> <p>The 1/4 sec. cor. of secs. 10 and 15, monumented with an iron post, 1 in. diam., projecting 24 ins. above ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.</p> | |

Dependent Resurvey, a Portion of Subdivisional Lines
T 4 S, R 16 E, Gila and Salt River Mer., Arizona

| CHAINS | | |
|--------|---|--|
| | <p style="text-align: center;">1/4 $\frac{S10}{S15}$ 1911</p> <p>Cor. is located 150 lks. W of a track road, on a ridge, bears N 15° E and S 15° W.</p> <hr/> <p>S 89°07' W, beginning new measurement.</p> | |
| 40.14 | <p>The cor. of secs. 9, 10, 15 and 16.</p> <hr/> <p style="text-align: center;">Informative Traverse in Section 15, T 4 S, R 16 E, Gila and Salt River Mer., Arizona</p> <hr/> <p>From a point on the medial line of the Gila River, S 0°19' W, 18.22 chs. dist. from the cor. of secs. 10, 11, 14 and 15, heretofore described.</p> <p>Thence down stream on the medial line of the Gila River, 70 to 120 lks. wide, 3 to 5 ft. high banks, for informational purposes only.</p> <p>S 54°14' W, 4.035 chs. S 59°29' W, 3.975 chs. S 51°45' W, 2.775 chs. S 64°47' W, 5.74 chs. S 47°07' W, 4.125 chs. S 16°15' W, 1.35 chs. S 10°12' E, 4.26 chs. S 20°40' E, 1.875 chs. S 53°22' E, 2.20 chs. S 69°47' E, 4.89 chs. S 75°47' E, 5.39 chs. S 81°48' E, 1.67 chs. N 55°05' E, 3.295 chs.</p> <p style="text-align: right;">Intersect the line bet. secs. 14 and 15, at a point from which the 1/4 sec. cor. of secs. 14 and 15, bears S 0°19' W, 62 lks. dist., heretofore described.</p> | |
| | <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land encompassed in this survey is located about 8 miles northeast of Winkleman, Arizona. The elevation ranges form 2040 to 2390 ft. above sea level.</p> <p>The vegetation consists of creosote, palo verde, mesquite, yucca, cat claw and cacti. The area along the Gila River is covered with dense salt cedar, arrowweed, mesquite and willows.</p> <p>Access is by way of a track road.</p> | |

CERTIFICATE OF SURVEY

(I) ~~(WX)~~, Paul L. Reeves, Supervisory Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 4th day of January, 19 83, (I) ~~(WX)~~ have dependently resurveyed a portion of the subdivisional lines and surveyed an informative traverse along the medial line of the Gila River in section 15, Township 4 South, Range 16 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), ~~(WX)~~ and under (my) ~~(XXX)~~ 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.

4/04/83
(Date)

Paul L. Reeves
(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Denver, Colorado

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and the survey of an informative traverse along the medial line of the Gila River in section 15, Township 4 South, Range 16 East, Gila and Salt River Meridian, Arizona

executed by Paul L. Reeves, Cadastral Surveyor

having been critically examined and found correct, are hereby approved.

APR 05 1983
(Date)

James P. Kelley
~~(Chief, Cadastral Survey Examination and Approval Staff)~~
(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 S., R. 16 E., G&SRM, Arizona, is a true copy of the original field notes.

(Date)

(Chief, Cadastral Survey Examination and Approval Staff)
(Chief Cadastral Surveyor of Arizona)