

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 SUBDIVISION OF SECTIONS 18 AND 19,

TOWNSHIP 9 NORTH, RANGE 3 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Stephen K. Hansen, Cadastral Surveyor

Under Special Instructions dated January 17, 2001, approved January 17, 2001, which provided for the surveys included under Group No. 862, and assignment instructions dated January 17, 2001.

Survey commenced March 12, 2001

Survey completed March 29, 2001

INDEX DIAGRAM

TOWNSHIP 9 NORTH RANGE 3 EAST

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T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the subdivision of sections 18 and 19, T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona.

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

Sidney E. Blout surveyed a portion of the west boundary and a portion of the subdivisional lines in 1913. Geo. F. Rigby surveyed a portion of the west boundary, a portion of the north boundary and a portion of the subdivisional lines in 1917. Stephen K. Hansen dependently resurveyed a portion of the west boundary in 2001.

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 January 17, 2001, for Group No. 862, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 4400 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 second order U. S. Coast and Geodetic Survey triangulation station POINT 1958, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the corner of sections 19, 20, 29 and 30, is as follows:

Latitude: 34° 05' 57.62" N. Longitude: 112° 04' 52.77" W.

The mean magnetic declination is 12¼° E.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Geo. F. Rigby, in 1917

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

| CHAINS | |
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| | <p>Beginning at the cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. T9N R3E S19 S20 S30 S29 1917. Add the marks 2001 to the brass cap.</p> <p>S. 89°37' W., bet. secs. 19 and 30.</p> <p>Over mountainous rocky land through dense undergrowth.</p> |
| 39.86 | <p>The 1/4 sec. cor. of secs. 19 and 30, monumented with an iron post, 1 in. diam., firmly set, projecting 24 ins. above ground, in a mound of stone, 3 ft. base, to top, with a mound of stone, 2 ft. base, 1 ft. high, to the W., with brass cap mkd. 1/4 S19 S30 1917.</p> <p>Add the marks T9N R3E 2001 to the brass cap.</p> <p>Cor. is located on a bench below cliffs on a N. facing slope of the Aqua Fria River valley.</p> <p>From this cor. point, U. S. Coast and Geodetic Survey triangulation station POINT 1958, bears S. 17°13' E., 7.21 chs. dist., monumented with a standard brass disk, 3½ ins. diam., cemented flush with the surface of bedrock, with top mkd. POINT 1958 and a triangle.</p> <hr/> <p>S. 89°48' W., beginning new measurement.</p> |
| 39.96 | <p>The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 20 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T9N R2E R3E S24 S19 S25 S30 1913 2001.</p> <hr/> <p>From the cor. of secs. 19, 20, 29 and 30.</p> <p>N. 0°04' E., bet. secs. 19 and 20.</p> <p>Over rolling rocky terrain through scattering undergrowth.</p> |
| 39.83 | <p>True point for the 1/4 sec. cor. of secs. 19 and 20, at proportionate dist., falls on cliffs, where it is impracticable to establish a permanent monument.</p> |
| 42.45 | <p>The witness cor. for the 1/4 sec. cor. of secs. 19 and 20, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above ground, with a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. 1/4 S19 S20 WC 1917.</p> |

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

| CHAINS | |
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| | <p>Add the marks T9N R3E 2001 to the brass cap.</p> <p>Cor. is located on N. edge of sheer cliffs, 100 ft. high, bears N. 60° E. and S. 60° W.</p> <hr/> <p style="text-align: center;">Restoring the survey executed by Sidney E. Blout, in 1913</p> <hr/> <p>From the 1/4 sec. cor. of secs. 18 and 19, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with a mound of stone, 3 ft. base, 1 ft. high, to the N., with brass cap mkd. S18 1/4 S19 1913.</p> <p>Add the marks T9N R3E 2001 to the brass cap.</p> <p>West, bet. secs. 18 and 19.</p> <p>Over mountainous rocky land through thick undergrowth.</p> |
| 20.01 | <p>Point for the W. 1/16 sec. cor. of secs. 18 and 19.</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;">T9N R3E S18 W 1/16 ——— S19 2001</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 rebar, ½ in. diam., firmly set, projecting 1 in. above ground, with affixed yellow plastic cap mkd. SURVNET AZ LS 8899, bears S. 52°32' W., 0.037 ch. dist.</p> |
| 39.78 | <p>The cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T9N R2E R3E S13 S18 S24 S19 1913 2001.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 7 and 18, monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above ground, in a collar of stone, with a mound of stone, 2 ft. base, 1 ft. high, to the N., with brass cap mkd. S7 1/4 S18 1913.</p> <p>Add the marks T9N R3E 2001 to the brass cap.</p> |

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
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| | <p>N. 89°59' W., bet. secs. 7 and 18.</p> <p>Over mountainous land through scattering undergrowth.</p> |
| 19.97 | <p>Point for the W. 1/16 sec. cor. of secs. 7 and 18. Not monumented.</p> |
| 39.72 | <p>True point for the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., falls in the rocky bed of the Aqua Fria River, 2 chs. wide, drains S. 40° E.</p> <p>From this point, the witness cor. for the cor. of secs. 7, 12, 13 and 18, bears S. 0°02' E., 2.00 chs. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 3 ft. base, to top, with a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. WC T9N R2E R3E S12 S7 S13 S18 1913 2001.</p> <hr/> <p align="center">Subdivision of Section 18, T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 18 and 19.</p> <p>North, on the N. and S. center line of sec. 18.</p> <p>Over rocky mountainous terrain through scattering undergrowth.</p> |
| 20.00 | <p>Point for the center S. 1/16 sec. cor. of sec. 18. Not monumented.</p> |
| 40.00 | <p>Point for the center 1/4 sec. cor. of sec. 18, at intersection with the E. and W. center line of sec. 18.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p align="center">T9N R3E C 1/4 S18 2001</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> |
| 59.99 | <p>Point for the center N. 1/16 sec. cor. of sec. 18. Not monumented.</p> |
| 79.98 | <p>The 1/4 sec. cor. of secs. 7 and 18.</p> <hr/> |

Subdivision of Section 18,
T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

| CHAINS | |
|--------|--|
| | <p>From the 1/4 sec. cor. of secs. 17 and 18, monumented with an iron post, 1 in. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd. S18 1/4 S17 1913.</p> <p>Add the marks T9N R3E 2001 to the brass cap.</p> <p>S. 89°58' W., on the E. and W. center line of sec. 18.</p> |
| 40.13 | The center 1/4 sec. cor. of sec. 18. |
| 60.12 | <p>Point for the center W. 1/16 sec. cor. of sec. 18, falls in the left main channel of the Aqua Fria River, boulder strewn, 2 chs. wide, 3 ft. deep, drains, S. 70° W., where it is impracticable to establish a permanent monument.</p> <p>From this point, the point selected for a witness cor. to the center W. 1/16 sec. cor. of sec. 18, bears S. 42°07' E., 1.44 chs. dist.</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; margin: 10px 0;"> <p>W C</p> <p>↙ T9N R3E</p> <p>W 1/16</p> <p>C ——— C</p> <p>S18</p> <p>2001</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located on the E. bank of the Aqua Fria River.</p> |
| 79.88 | <p>The 1/4 sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above ground, with a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. T9N R2E R3E S13 1/4 S18 1913 2001.</p> <hr style="width: 60%; margin: 20px auto;"/> <p style="text-align: center;">SW 1/4 of Sec. 18</p> <hr style="width: 30%; margin: 20px auto;"/> <p>From the W. 1/16 sec. cor. of secs. 18 and 19.</p> <p>N. 0°01' E., on the N. and S. center line of the SW 1/4 of sec. 18.</p> |
| 19.99 | Point for the SW 1/16 sec. cor. of sec. 18, at intersection with the E. and W. center line of the SW 1/4 of sec. 18. |

Subdivision of Section 18,
T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

| CHAINS | |
|--------|---|
| | <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T9N R3E SW 1/16 S18 2001</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 rebar, ½ in. diam., firmly set, projecting 1 in. above ground, with affixed yellow plastic cap mkd. SURVNET AZ LS 8899, bears S. 81°12' W., 0.02 ch. dist.</p> |
| 39.98 | <p>The true point for the center W. 1/16 sec. cor. of sec. 18.</p> <hr/> <p>From the point for the center S. 1/16 sec. cor. of sec. 18.</p> <p>S. 89°59' W., on the E. and W. center line of the SW 1/4 of sec. 18.</p> |
| 20.00 | <p>The SW 1/16 sec. cor. of sec. 18.</p> |
| 39.76 | <p>The true point for the S. 1/16 sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp., falls in the left main channel of the Agua Fria River, 2 chs. wide, 3 ft. deep, drains S. 50° E.</p> <p>From this point, the witness cor. for the S. 1/16 sec. cor. of secs. 13 and 18, bears N. 82°03' E., 2.03 chs. dist., monumented with a stainless steel post, 2½ ins. diam., firmly set projecting 4 ins. above ground, with brass cap mkd. WC T9N R2E R3E S 1/16 S13 S18 2001.</p> <hr/> <p style="text-align: center;">NW 1/4 of Sec. 18</p> <hr/> <p>From the true point for the center W. 1/16 sec. cor. of sec. 18.</p> <p>N. 0°01' E., on the N. and S. center line of the NW 1/4 of sec. 18.</p> |
| 20.00 | <p>Point for the NW 1/16 sec. cor. of sec. 18, at intersection with the E. and W. center line of the NW 1/4 of sec. 18.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T9N R3E NW 1/16 S18 2001</p> |

**Subdivision of Section 18,
T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona**

| CHAINS | |
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| 40.00 | <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located on the E. side of a trail road, bears N. and S.</p> <p>The point for the W. 1/16 sec. cor. of secs. 7 and 18.</p> <hr/> <p>From the point for the center N. 1/16 sec. cor. of sec. 18.</p> <p>S. 89°59' W., on the E. and W. center line of the NW 1/4 of sec. 18.</p> |
| 19.98 | The NW 1/16 sec. cor. of sec. 18. |
| 39.73 | The N. 1/16 sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp., monumented with a brass tablet, 3½ ins. diam., firmly set in concrete, on the top face of a rock outcropping, 20 x 5 x 2 ft. high, with brass cap mkd. T9N R2E R3E N 1/16 S13 S18 2001. |
| <p>Subdivision of Section 19, T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona</p> <hr/> | |
| 39.97 | <p>From the 1/4 sec. cor. of secs. 19 and 30.</p> <p>N. 0°08' W., on the N. and S. center line of sec. 19.</p> <p>Over rocky mountainous terrain through scattering undergrowth.</p> <p>Point for the center 1/4 sec. cor. of sec. 19, at intersection with the E. and W. center line of sec. 19, falls on the S. bank of a wash, 5 lks. wide, 1 ft. deep, drains W., on an extremely steep and unstable slope, where it is impracticable to establish a durable monument.</p> <p>Set a magnet in a white plastic case, 3 ins. in the ground, to bedrock, from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2½ ins. diam., set 16 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, for a reference monument, bears N. 2°22' E., 41.1 ft. dist., with brass cap mkd. RM T9N R3E S19 41.1 FT TO C 1/4 2001 and an arrow pointing to the corner. Deposit 2 60D nails beneath the stainless steel post.</p> |
| 79.82 | <p>The 1/4 sec. cor. of secs. 18 and 19.</p> <hr/> <p>From the true point for the 1/4 sec. cor. of secs. 19 and 20.</p> |

Subdivision of Section 19,
T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

| CHAINS | |
|--------|---|
| | S. 89°49' W., on the E. and W. center line of sec. 19. |
| 40.00 | The center 1/4 sec. cor. of sec. 19. |
| 60.07 | Point for the center W. 1/16 sec. cor. of sec. 19. |
| | Set a stainless steel post, 28 ins. long, 2½ ins. diam., 8 ins. in the ground, to bedrock, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd. |
| | T9N R3E W 1/16 C ——— C S19 2001 |
| | Deposit a magnet in a white plastic case at the base of the stainless steel post. |
| | From this cor. point, a rebar, ½ in. diam., firmly set, projecting 1 in. above ground, with affixed yellow plastic cap mkd. SURVNET AZ LS 8899, bears S. 78°26' W., 0.09 ch. dist. |
| 79.87 | The 1/4 sec. cor of secs. 19 and 24, on the W. bdy. of the Tp., monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T9N R2E R3E 1/4 S24 S19 2001. |
| | <hr/> NW 1/4 of Sec. 19 <hr/> |
| | From the center W. 1/16 sec. cor. of sec. 19. |
| | N. 0°03' W., on the N. and S. center line of the NW 1/4 of sec. 19. |
| 39.91 | The W. 1/16 sec. cor. of secs. 18 and 19. |
| | <hr/> GENERAL DESCRIPTION <hr/> |
| | This survey is located about 2 miles northeast of Black Canyon City, Arizona. Access is by a private road that roughly parallels the Aqua Fria River. Access for most of the area can only be done on foot or by horseback. |
| | The terrain is very mountainous and rocky. Cottonwood trees and thick undergrowth is found in the wet areas. Cacti, creosote and mesquite are scattered in the drier places. |

T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona

CHAINS

There was no evidence of recent mineral activity.

The primary use of this land is for the grazing of cattle.

The mean magnetic declination of $12\frac{1}{4}^{\circ}$ 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, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 17th day of January, 2001, I have dependently resurveyed a portion of the subdivisional lines and subdivided sections 18 and 19, T. 9 N., R. 3 E., Gila and Salt River Meridian, 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, and in specific manner described in the foregoing field notes.

01/09/2002
(Date)

Stephen K. Hansen
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and the subdivision of sections 18 and 19, T. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

August 28, 2002
(Date)

Lenny D. Rowntree
(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. 9 N., R. 3 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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