

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 SECTION 20
TOWNSHIP 11 NORTH, RANGE 4 WEST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA

EXECUTED BY

Joe R. Salazar, Cadastral Surveyor

Under Special Instructions dated June 17, 2003, approved June 17, 2003, which provided for the surveys included under Group No. 907, and assignment instructions dated June 17, 2003.

Survey commenced June 19, 2003

Survey completed June 27, 2003

INDEX DIAGRAM

TOWNSHIP 11 NORTH RANGE 4 WEST
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 11 N., R. 4 W., 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 section 20, Township 11 North, Range 4 West, Gila and Salt River Meridian, Arizona.

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

O. H. Case surveyed a portion of the south and east boundaries, the west and north boundaries and a portion of the subdivisional lines in 1871. Glen F. Sawyer and Wesson Cook surveyed a portion of the south and east boundaries, a portion of the subdivisional lines and resurveyed a portion of the east boundary and a portion of the subdivisional lines in 1925.

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 June 17, 2003, for Group Number 907, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 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 Arizona Department of Transportation triangulation station "POPLAR", as published by the National Geodetic Survey, NAD 83(1993). The geographic position of the corner of sections 20, 21, 28 and 29 is as follows:

Latitude: 34°16'23.33" N. Longitude: 112°41'16.77" W.

The mean magnetic declination is 12 1/4° E.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 N., R. 4 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p align="center">Restoring the survey executed by O. H. Case, in 1871</p> <hr/> <p>Beginning at the cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T11N R4W S20 S21 S28 S29 1925.</p> <p>Add the marks 2003 to the brass cap.</p> <p>Cor. is located in fence intersection, extending N., E. and W. and abandoned fence S.</p> <p>N.0°23'W., bet. secs. 20 and 21.</p> <p>Over rolling terrain, through scrub oak and native grasses, along fence line.</p> <p>39.13 Point for the 1/4 sec. cor. of secs. 20 and 21, at proportionate dist., there is no remaining evidence of the orig. cor.</p> <p>Cor. not monumented.</p> <p>Cor. point is located 14 lks. W. of fence, extending N. and S.</p> <p>78.26 The cor. of secs. 16, 17, 20 and 21, monumented with a scattered mound of stone, 3 ft. diam., no mkd. stone found.</p> <p>Cor. not remonumented.</p> <p>Cor. is located in the extension of fence, from S.</p> <p>From this cor. point the, 1/4 sec. cor. of secs. 16 and 17, monumented with a lava stone 20 x 10 x 8 ins., loosely set, in a mound of stone 3 ft. base, 2 ft. high, no marks found, bears N.0°24'W., 39.93 chs. dist.</p>
	<p align="center">Restoring the survey executed by Glen F. Sawyer, in 1925</p> <hr/> <p>From the cor. of secs. 20, 21, 28 and 29.</p> <p>S.87°20'W., bet. secs. 20 and 29.</p> <p>Over rolling terrain, through scrub oak and native grasses, along fence line.</p> <p>39.67 The 1/4 sec. cor. of secs. 20 and 29, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. 1/4 S20 S29 1925.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 N., R. 4 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Add the marks T11N R4W 2003 to the brass cap.</p> <p>Cor. is located in fence, extending E. and W.</p> <hr/> <p>S.87°18'W., beginning new measurement.</p>
39.89	<p>The cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 ins. diam., firmly set, projecting 16 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. T11N R4W S19 S20 S29 S30 1925, with a granite stone 13 x 12 x 6 ins. at base, mkd. with an X.</p> <p>Add the marks 2003 to the brass cap.</p> <p>Cor. is located in fence intersection, extending N., E. and S.</p> <hr/> <p>N.1°11'W., bet. secs. 19 and 20.</p> <p>Over gently rolling terrain.</p>
20.23	<p>Point for the S. 1/16 sec. cor. of secs. 19 and 20, occupied with a rebar of unknown origin, 14 ins. long, 3/8 in. diam, firmly set 2 ins. below the ground.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T11N R4W S 1/16 S 19 S 20 2003</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Deposit the rebar inside the stainless steel post.</p> <p>Cor. is located in fence, extending E. and W., 52 lks. E. of fence intersection, extending N., E. and S.</p>
40.46	<p>The 1/4 sec. cor. of secs. 19 and 20, monumented with an open end iron pipe of unknown origin, 36 ins. long, 1 in. diam., firmly set, projecting 15 ins. above ground, accepted and recorded by Norman L. Smith, Arizona R.L.S. No. 21790, in 2002, according to Plat No. 3494543 filed at the Yavapai County Records Office dated September 6, 2002, witnessed with a metal fence post and sign, mkd. Survey Marker Do Not Disturb Arizona Dept. of Transportation HWY. DIV. This is accepted as a careful and faithful reestablishment of the orig. cor. position.</p> <p>At the corner point</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 N., R. 4 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 11 N R 4 W 1/4 S 19 S 20</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>Deposit the iron pipe inside the stainless steel post.</p> <p>From this cor. point, a fence intersection, extending N., S. and W. bears N.69°37'W., 90 lks. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N.1°11'W., beginning new measurement.</p>
20.245	<p>Point for the N. 1/16 sec. cor. of secs. 19 and 20, occupied with a rebar of unknown origin, 16 ins. long, 3/8 in. diam, firmly set, projecting 2 ins. above ground.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T11N R4W N 1/16 S 19 S 20</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>Deposit the rebar inside the stainless steel post.</p> <p>From this cor. point, a fence intersection, extending N., E. and S. bears N.80°W., 49 lks. dist.</p>
.11	<p>Fence, extending E. and W.</p>
40.49	<p>The cor. of secs. 17, 18, 19 and 20, monumented with an open end iron pipe of unknown origin, 1 in. diam., firmly set, projecting 15 ins. above ground, with a screw on washer, 3 1/2 ins. diam., no marks, accepted and recorded by Norman L. Smith, Arizona R.L.S. No. 21790, in 2002, according to Plat No. 3494543 filed at the Yavapai County Recorders Office dated September 6, 2002. This cor. is accepted as the best available evidence of the orig. cor. position.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 N., R. 4 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>Cor. not remonumented.</p> <p>Cor. is located in a fence intersection, extending N., S. and W.</p> <p>From this cor. point, the cor. of secs. 7, 8, 17 and 18, monumented with a granite stone, 28 x 24 x 20 ins., firmly set, projecting 12 ins. above ground, clearly mkd. with 5 notches on S. edge., bears N.1°26'W., 80.20 chs. dist. A mound of stone 2 1/2 ft. base, 2 ft. high is W. of cor.</p> <p>From this same cor. point, Arizona Department of Transportation triangulation station POPLAR, bears N.62°36'W., 88.62 chs. dist., monumented with a standard disk, 3 ins. diam., cemented in concrete post, 8 ins. diam., firmly set, projecting 3 ins. above ground, with top mkd. POPLAR 1980 and a triangle.</p> <hr/> <p>From the cor. of secs. 16, 17, 20 and 21.</p> <p>S.89°15'W., bet. secs. 17 and 20.</p> <p>Over gently rolling terrain.</p> <p>40.31 Point for the 1/4 sec. cor. of secs. 17 and 20, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Cor. not monumented.</p> <p>80.62 The cor. of secs. 17, 18, 19 and 20.</p> <hr/> <p align="center">Subdivision of Section 20, T. 11 N., R. 4 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 20 and 29.</p> <p>N.0°52'W., on the N. and S. center line of sec. 20.</p> <p>Over gently rolling terrain.</p> <p>19.89 Point for the center S. 1/16 sec. cor. of sec. 20.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin-top: 20px;"> <p>T11N R4W C S 1/16 S 20 C</p> <p>2003</p> </div>
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Subdivision of Section 20,
T. 11 N., R. 4 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, an open end iron pipe, of unknown origin, 1 in. diam., firmly set, projecting 1 in. above ground, bears N.53°40'E., 7 lks. dist.</p> <p>From this same cor. point, a rebar of unknown origin, in fence cor., extending N. and W., 3/8 in. diam., firmly set, projecting 2 ins. above ground, bears N.25°10'W., 27 lks. dist.</p>
39.78	<p>Point for the center 1/4 sec. cor. of sec. 20 at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 11 N R 4 W C 1/4 S 20</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. point is located 21 lks. E. of a fence, bears N. and S.</p>
59.68	<p>True point for the center N. 1/16 sec. cor. of sec. 20; falls in deep, rocky wash, where it is impracticable to establish a permanent monument.</p> <p>From this true cor. point, the point selected for the witness cor. to center N. 1/16 sec. cor. of sec. 20, bears S.70°49'W., 1.56 chs. dist.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">WC T11N R4W C N 1/16 S 20 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>Cor. is located in fence, extending E. and W.</p>
79.58	<p>The 1/4 sec. cor. of secs. 17 and 20.</p>

**Subdivision of Section 20,
T. 11 N., R. 4 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>From the 1/4 sec. cor. of secs. 20 and 21.</p> <p>S.88°17'W., on the E. and W center line of sec. 20.</p>
39.98	The center 1/4 sec. cor. of sec. 20.
80.07	The 1/4 sec. cor. of secs. 19 and 20.
	<hr/> <p>The SW 1/4 Section 20</p> <hr/>
	<p>From the center S. 1/16 sec. cor. of sec. 20.</p> <p>S.87°47'W., on the E. and W. center line of the SW 1/4 of sec. 20.</p> <p>Over gently rolling terrain.</p>
39.99	The S. 1/16 sec. cor. of secs. 19 and 20.
	<hr/> <p>The NW 1/4 Section 20</p> <hr/>
	<p>From the true point for center N. 1/16 sec. cor. of sec. 20.</p> <p>S.88°46'W., on the E. and W. center line of the NW 1/4 of sec. 20.</p> <p>Over gently rolling terrain.</p>
40.20	The N. 1/16 sec. cor. of secs. 19 and 20.

T. 11 N., R. 4 W., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The survey is approximately 35 miles southwesterly of Prescott, Arizona. State Road 89 traverses the township on the W. side of the township. Several private dirt roads provide access to the area.

The terrain is generally gently rolling to nearly level in this area. The elevation ranges from 4400 to 4600 feet above sea level.

There is scattered palo verde and sage brush in this area, with an abundance of native grasses, well suited for grazing. There is no occupancy in the portion surveyed. The only structure in this portion surveyed consists of an abandoned shack in the SW 1/4 of the NW 1/4 of sec. 20.

No mineral deposits or activity was noted during the course of the survey.

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, Joe R. Salazar, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 17th day of June, 2003, I have dependently resurveyed a portion of the subdivisional lines and the subdivision of section 20, T. 11 N., R. 4 W., 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.

9/8/04
(Date)

Joe R. Salazar
(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 section 20, T. 11 N., R. 4 W., 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.

2/9/05
(Date)

Stephen H. Hansen
Acting (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. 11 N., R. 4 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____~~
(Date)

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