

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 A PORTION OF THE SUBDIVISION OF SECTION 8
AND
THE SUBDIVISION OF THE NE 1/4 OF THE SW 1/4 OF SECTION 8,
TOWNSHIP 7 SOUTH, RANGE 27 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated June 6, 2013, approved June 6, 2013, which provided for the surveys included under Group No. 1119, and assignment instructions dated June 6, 2013.

Survey commenced August 5, 2013

Survey completed August 8, 2013

INDEX DIAGRAM

**TOWNSHIP 7 SOUTH RANGE 27 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA**

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Subdivision of Sec. 8Pages 4-6

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T. 7 S., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and a portion of the subdivision of section 8 and the subdivision of the NE 1/4 of the SW 1/4 of section 8, Township 7 South, Range 27 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows: Ty White surveyed the subdivisional lines of section 8, in 1875. Paul G. Bauer and Robert F. Johnson resurveyed the subdivisional lines of section 8, and subdivided section 8 in 1965-1966.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated June 6, 2013, for Group Number 1119, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation R8 and 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. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from Arizona Department of Transportation triangulation station SAN JOSE, as published by the National Geodetic Survey. The NAD 83 (2011) geographic position of the center S. 1/16 section corner of section 8 is as follows:

Latitude: 32°50'04.43" N. Longitude: 109°36'18.71" W.

The NAD 83 (2011) geographic position of the 1/4 section corner of section 7 and 8 is as follows:

Latitude: 32°50'17.51" N. Longitude: 109°36'49.72" W.

The mean magnetic declination is 9 3/4° E.

Dependent Resurvey of a Portion of the Subdivisional Lines
and the Subdivision of Section 8,
T. 7 S., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Restoring the resurvey and survey executed by Paul G. Bauer and Robert F. Johnson, in 1965-1966</p> <hr/> <p>Beginning at the S. 1/16 sec. cor. of secs. 7 and 8, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd. T7S R27E S1/16 S7 S8 1966.</p> <p>A steel fence post is set alongside and S. of the cor.</p> <p>Add the marks 2013 to the brass cap.</p> <p>N. 0°09' W., bet. secs. 7 and 8.</p> <p>Ascending, over broken and rolling land.</p>
19.92	<p>The 1/4 sec. cor. of secs. 7 and 8, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, encircled with a collar of stone, with brass cap mkd. T7S R27E 1/4 S7 S8 1966.</p> <p>A mound of stone, 3 ft. base, 1 1/2 ft. high, is W. of the cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/>
	<p>From the center S. 1/16 sec. cor. of sec. 8, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. T7S R27E C S 1/16 S8 C 1966.</p> <p>A mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, is W. of the cor.</p> <p>Add the marks 2013 to the brass cap.</p>
	<p>From this cor., Arizona Department of Transportation, triangulation station SAN JOSE, bears S. 37°51' E., 128.47 chs. dist. Monumented with an aluminum disk, 3 1/2 ins. diam., set in a 10 ins. diam. concrete form, projecting 2 ins. above ground, with aluminum disk stamped; ARIZONA D.O.T. HWY. DIV. SAN JOSE 1985 P&M GEODETIC SURVEY and a triangle.</p> <p>N. 0°05' E., on the N. and S. center line of sec. 8.</p> <p>Ascending out of Gila River flood plain, over E. face of mesa.</p>
2.90	<p>Power line, bears N. 35° E. and S. 35° W.</p>
9.975	<p>Point for the center N-S 1/64 sec. cor. of sec. 8.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines
and the Subdivision of Section 8,
T. 7 S., R. 27 E., 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, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 7 S R 27 E C N-S S 8 1/64 C</p> <p style="text-align: center;">2013</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
10.10	Bladed road, with underground water line, bears N. 75° E. and S. 75° W.
13.80	Top of mesa, edge bears N. 25° E. and S. 25° W.. thence over rolling and broken land.
19.95	<p>The center 1/4 sec. cor. of sec. 8, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T7S R27E C 1/4 S8 C 1966.</p> <p>Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>N. 89°52 W., on the E. and W. center line of sec. 8.</p> <p>Over N. facing slopes of mesa, descending.</p>
11.70	Main wash within Big Canyon, 1.0 chs. wide, drains S., from N. 10° W.
15.70	3 pole, 5 wire, power line, bears N. 5° E. and S. 5° W.
20.065	Point for the center W. 1/16 sec. cor. of sec. 8, not monumented.
22.10	Graded road, 8 ft. wide, bears N. 20° E. and S. 20° W.; thence ascend out of Big Canyon.
40.13	The 1/4 sec. cor. of secs. 7 and 8.
	<hr/> <p>From the center S. 1/16 sec. cor. of sec. 8.</p> <p>N. 89°49' W., on the E. and W. center line of the SW 1/4 of sec. 8.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines
and the Subdivision of Section 8,
T. 7 S., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over rolling and broken land.
15.90	Graded road, 8 ft. wide, bears N. 45° E., curving E. and S. 45° W., curving S.
17.20	3 pole, 5 wire, power line, bears N. 5° E. and S. 5° W.
20.025	Point for the SW 1/16 sec. cor. of sec. 8, at intersection with the N. and S. center line of the SW 1/4 of sec. 8, determined on the mean bearing between the line between secs. 7 and 8 and the N. and S. center line of sec. 8, from the point for the center W. 1/16 sec. cor. of sec. 8.
	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.
	T 7 S R 27 E SW 1/16 S 8 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
20.15	Left cut bank of Big Canyon, extends N. 35° E. and S. 35° W.
24.40	Main wash within Big Canyon, 50 lks. wide, drains S. 20° W., from N. 20° W.
29.60	Graded road, 8 ft. wide, bears N. 20° E. and S. 20° W.
30.25	E. edge of construction debris.
30.55	W. edge of same.
37.40	Bladed road, with underground water line, bears N. 75° E. and S. 75° W.
37.70	E. edge of construction debris.
39.00	W. edge of same.
40.05	The S. 1/16 sec. cor. of secs. 7 and 8.
	<hr/> Subdivision of the NE 1/4 of the SW 1/4 of section 8, T. 7 S., R. 27 E., Gila and Salt River Meridian, Arizona <hr/>
	From the SW 1/16 sec. cor. of sec. 8.
	N. 0°02' W., on the mean bearing between the line between secs. 7 and 8 and the N. and S. center line of sec. 8.

Subdivision of the NE 1/4 of the SW 1/4 of section 8,
T. 7 S., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
0.20	Left cut bank of Big Canyon, extends N. 35° E. and S. 35° W.
4.20	Main wash within Big Canyon, 30 lks. wide, drains S. 35° W., from N. 35° W.
4.70	Bladed road, with underground water line, bears N. 75° E. and S. 75° W.
9.965	Point for the C-N-SW 1/64 sec. cor. of sec. 8.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T 7 S R 27 E
	C-N-SW 1/64
	S 8
	2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
19.93	Point for the center W. 1/16 sec. cor. of sec. 8.
	<hr/> From the center N-S 1/64 sec. cor. of sec. 8. N. 89°50' W., on the E. and W. center line of the NE 1/4 of the SW 1/4 of sec. 8. Across E. face of mesa.
0.40	Bladed road, with underground water line, bears N. 75° E. and S. 75° W.
3.95	From this point, an abandoned bulldozer, bears S, 1.00 ch. dist.
13.00	Bottom of cut bank of Big Canyon, bears N. 30° E. and S. 30° W.
14.50	Main wash within Big Canyon, 50 lks. wide, drains S. 15° W., from N. 15° E.
16.45	3 pole, 5 wire, power line, bears N. 5° E. and S. 5° W.
20.045	The C-N-SW 1/64 sec. cor. of sec. 8.
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T. 7 S., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area surveyed is located within the mesas and draws on the N. side of the Gila River, about 2 miles N. of the settlement of San Jose. The elevation range is from 3000-3100 ft. (NAVD 88). Access is by way of US Highway No. 70 and Sanchez Road. Sage, creosote and mesquite are the dominant vegetation. A manufactured home is located in the NE 1/4 of the SW 1/4 of section 8.

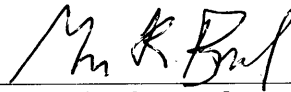
The magnetic declination of $9 \frac{3}{4}^{\circ}$ E. was derived from the NOAA, utilizing the IGRF11 Magnetic Model, for the dates of survey.

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 6th day of June, 2013, I have dependently resurveyed a portion of the subdivisional lines and a portion of the subdivision of section 8 and subdivided the NE 1/4 of the SW 1/4 of section 8, Township 7 South, Range 27 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. Said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

8/29/13

(Date)



(Cadastral Surveyor)

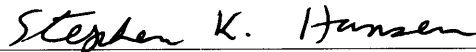
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and a portion of the subdivision of section 8 and the subdivision of the NE 1/4 of the SW 1/4 of section 8, T. 7 S., R. 27 E., Gila and Salt River Meridian, in the State of Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

9/4/2013

(Date)



(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. 7 S., R. 27 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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