

ORIGINAL

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

**FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF  
A PORTION OF THE SOUTH BOUNDARY  
AND A PORTION OF THE SUBDIVISIONAL LINES  
AND  
THE SUBDIVISION OF SECTION 35,  
TOWNSHIP 9 ½ NORTH, RANGE 2 EAST,  
OF THE GILA AND SALT RIVER MERIDIAN,  
IN THE STATE OF ARIZONA.**

**EXECUTED BY**

**Stephen K. Hansen, Cadastral Surveyor**

Under Special Instructions dated March 27, 2001, approved March 27, 2001,  
which provided for the surveys included under Group No. 868, and  
assignment instructions dated April 2, 2001.

Survey commenced April 3, 2001

Survey completed April 17, 2001

# INDEX DIAGRAM

TOWNSHIP 9 ½ NORTH

RANGE 2 EAST

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35 3 1	36 3

Subdivision of Section 35 ..... Pages 4-5

## T. 9 ½ N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines and the subdivision of section 35, T. 9 ½ N., R. 2 E., Gila and Salt River Meridian, Arizona.

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

The south boundary was surveyed by Geo. F. Rigby, in 1917. A portion of the subdivisional lines was surveyed by Dupree R. Averill, in 1932.

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 27, 2001, for Group No. 868, 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 MAN 1958, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the corner of sections 1, 2, 35 and 36, on the S. bdy. of the Tp., is as follows:

Latitude: 34° 09' 26.29" N.      Longitude: 112° 06' 58.23" W.

The mean magnetic declination is 12¼° E.

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**Dependent Resurvey of a Portion of the South Boundary,  
T. 9 ½ N., R. 2 E., Gila and Salt River Meridian, Arizona**

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

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Beginning at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 16 ins. above ground, in a scattered mound of stone, with brass cap mkd. T9½N R2E S35 S36 S2 S1 T9N 1917.

Dependent Resurvey of a Portion of the South Boundary,  
T. 9 ½ N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Add the marks 2001 to the brass cap.
	Rebuild the mound of stone, 4 ft. base, to top.
	N. 89°53' W., bet. secs. 2 and 35, on the S. bdy of the Tp.
	Asc. steeply over rocky, mountainous land.
3.50	Rim of mesa, bears N. and SSE.
	Continue over flat rocky mesa land through grasses and prickly pear cactus.
20.03	Point for the E. 1/16 sec. cor. of secs. 2 and 35.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T9½N R2E S35 E 1/16 ——— S 2 T9N 2001</p>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
40.06	Point for the 1/4 sec. cor. of secs. 2 and 35, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T9½N R2E S35 1/4 ——— S 2 T9N 2001</p>
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Cor. is located in an ancient barbed wire fence, with wire on the ground; intermittent decayed wooden posts, bears E. and W.

**Dependent Resurvey of a Portion of the South Boundary,  
T. 9 ½ N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
80.12	<p>The cor. of secs. 2, 3, 34 and 35, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above ground, with a mound of stone, 3 ft. base, 2 ft. high, to the W., with brass cap. mkd. T9½N R2E S34 S35 S3 S2 T9N 1917.</p> <p>Add the marks 2001 to the brass cap.</p> <hr/> <p align="center"><b>Dependent Resurvey of a Portion of the Subdivisional Lines, T. 9 ½ N., R. 2 E., Gila and Salt River Meridian, Arizona</b></p> <hr/> <p align="center">Restoring the survey executed by Dupree R. Averill, in 1932</p> <hr/> <p>From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°02' E., bet. secs. 35 and 36.</p> <p>Desc. on a broken E. slope over mountainous terrain.</p>
20.00	<p>Point for the S. 1/16 sec. cor. of secs. 35 and 36. Not monumented.</p>
40.00	<p>The 1/4 sec. cor. of secs. 35 and 36, monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above ground, in a scattered mound of stone, with brass cap mkd. 1/4 S35 S36 1932.</p> <p>Add the marks T9½N R2E 2001 to the brass cap.</p> <p>Rebuild the mound of stone, 3 ft. base, to top.</p> <hr/> <p>From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°01' E., bet. secs. 34 and 35.</p> <p>Over rocky flat mesa land through grasses and cacti.</p>
40.01	<p>The 1/4 sec. cor. of secs. 34 and 35, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. 1/4 S34 S35 1932.</p> <p>Add the marks T9½N R2E 2001 to the brass cap.</p> <hr/>

Subdivision of Section 35,  
T. 9 ½ N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 2 and 35, on the S bdy. of the Tp.</p> <p>N. 0°01' E., on the N. and S. center line of sec. 35.</p> <p>Over rocky flat land through grasses and cacti.</p>
20.00	<p>Point for the center S. 1/16 sec. cor. of sec. 35.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T9½N R2E C S 1/16   S35 C 2001</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
40.00	<p>Point for the center 1/4 sec. cor. of sec. 35, at intersection with the E. and W. center line of sec. 35.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T9½N R2E C 1/4 S35 2001</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
80.03	<p>The 1/4 sec. cor. of secs. 26 and 35, 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. 1/4 S26 S35 1932.</p> <p>Add the marks T9½N R2E 2001 to the brass cap.</p> <p>From this cor. point, U. S. Coast and Geodetic Survey triangulation station MAN 1958, bears S. 88°44' W., 82.18 chs. dist., monumented with a standard brass disk, 3 ins. diam., cemented flush with the surface of volcanic bedrock, with top mkd. MAN 1958 and a triangle.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 35 and 36.</p> <p>N. 89°53' W., on the E. and W. center line of sec. 35.</p>

**Subdivision of Section 35,  
T. 9 ½ N., R. 2 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Asc. over rocky mountainous terrain.
20.03	Point for the center E. 1/16 sec. cor. of sec. 35. Not monumented.
40.06	The center 1/4 sec. cor. of sec. 35.
80.11	The 1/4 sec. cor. of secs. 34 and 35.
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SE 1/4 Sec. 35	
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	From the E. 1/16 sec. cor. of secs. 2 and 35.
	N. 0°01' E., on the N. and S. center line of the SE 1/4 of sec. 35.
20.00	Point for the SE 1/16 sec. cor. of sec. 35, at intersection with the E. and W. center line of the SE 1/4 of sec. 35.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
	T9½N R2E SE 1/16 S35 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
40.00	The point for the center E. 1/16 sec. cor. of sec. 35.
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	From the point for the S. 1/16 sec. cor. of secs. 35 and 36.
	N. 89°53' W., on the E. and W. center line of the SE 1/4 of sec. 35.
20.03	The SE 1/16 sec. cor. of sec. 35.
33.10	Barbed wire fence on E. side of corral, bears N. and S.
37.65	Barbed wire fence on W. side of corral, bears N. and S.
40.06	The center S. 1/16 sec. cor. of sec. 35.
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T. 9  $\frac{1}{2}$  N., R. 2 E., Gila and Salt River Meridian, Arizona

CHAINS	GENERAL DESCRIPTION
	<p>This survey is located about 5 miles north of Black Canyon City, Arizona, and 1 mile east of Interstate 17. Access is by the Sunset Point turnoff on Interstate 17, along unmaintained pipeline and powerline roads.</p> <p>The mesa land is rocky, but produces good stands of grass in the rainy season. Native flowers during this same season are prolific and some may exceed six feet in height. The wildlife consists of antelope, javalina, rock squirrels, desert tortoise, and an abundance of rattlesnakes.</p> <p>There is some evidence of mineral activity in the past, but none was noted during the course of this survey.</p> <p>The primary use of this land is for the grazing of cattle.</p> <p>The mean magnetic declination of <math>12\frac{1}{4}^{\circ}</math> 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.</p>



## CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 27<sup>th</sup> day of March, 2001, I have dependently resurveyed a portion of the south boundary and a portion of the subdivisional lines and subdivided section 35, T. 9 ½ N., R. 2 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 south boundary and a portion of the subdivisional lines and the subdivision of section 35, T. 9 ½ N., R. 2 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)

Kenny D. Ravnikar  
(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 ½ N., R. 2 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~\_\_\_\_\_~~  
(Date)

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(Chief Cadastral Surveyor of Arizona)