

ORIGINAL

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BOOK 5252

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE DEPENDENT RESURVEY

OF A PORTION OF THE SOUTH AND EAST BOUNDARIES AND A

PORTION OF THE SUBDIVISIONAL LINES AND THE

METES-AND-BOUNDS SURVEY OF THE CENTER LINE

OF THE ZUNI PILGRIMAGE ROUTE (KOYEMSHI TRAIL)

IN

TOWNSHIP 15 NORTH, RANGE 26 EAST

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY

Stephen J. Malloy, Cadastral Surveyor

Under special instructions dated August 4, 1987, approved August 4, 1987
which provided for the surveys included under Group Number 697 and
assignment instructions dated August 4, 1987.

Survey commenced August 6, 1987

Survey completed September 28, 1987

INDEX DIAGRAM

TOWNSHIP 15 NORTH, RANGE 26 EAST,

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Survey of Zuni Pilgrimage Route---pg 9.

T 15 N, R 26 E, Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south and east boundaries, a portion of the subdivisional lines, and the metes-and-bounds survey of the center line of the Zuni Pilgrimage Route (Koyemshi Trail) in Township 15 North, Range 26 East, Gila and Salt River Meridian, Arizona.

The south boundary was surveyed by C.B. Foster, in 1875. The south boundary was dependently resurveyed by O.D. Wheeler, in 1882. The north, east, and west boundaries with the subdivisional lines were surveyed by O.D. Wheeler in 1882. The south boundary and a portion of the west boundary were retraced by F.W. Forrest and C.F. Warner in 1944. The township boundaries and the subdivisional lines were dependently resurveyed by B.S. Owens, P.G. Bauer, and W.R. Ott in 1963-64. The north $\frac{1}{2}$ mile of the east boundary was dependently resurveyed by J.E. Knight, in 1968.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 4, 1987 for Group No. 697, Arizona.

Preliminary to the resurvey, the lines of the original survey and resurvey were retraced and all corners of the previous resurveys were found and the retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by observations on a U.S. Geological Survey triangulation network, confirmed by hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Geodimeter total station.

The geographic position of the southeast corner of section 36, as determined from a tie made to U.S. Geological Survey triangulation station "HARPER", located in the north half of section 34, is as follows:

Latitude: $34^{\circ}39'36.84''$ N Longitude: $109^{\circ}31'38.12''$ W

The mean magnetic declination as taken from the U.S. Geological Survey quadrangle map "ADAMANA 4 NE" is 14° E.

Dependent Resurvey, Portion S Bdy.,
T 15 N, R 26 E, Gila and Salt River Meridian, Arizona

CHAINS

(Restoring the survey by C.B. Foster in 1875, the dependent resurvey by O.B. Wheeler in 1882, the retracement by F.W. Forrest and C.W. Warner in 1944, and the dependent resurvey by B.S. Owens, P.G. Bauer, and W.R. Ott in 1963-64.)

Beginning at the cor. of Tps. 14 and 15 N, Rs. 26 and 27 E, monumented with an iron post, 2½ ins diam., projecting 4 ins. above the ground, with brass cap mkd.

T15N		
R26E		R27E
S36		S31
S1		S6

R26E		R27E
T14N		
1963		

A mound of stone, 3 ft. base, 2 ft. high is S of the cor.

The corner is located on a SE slope.

From this cor. the U.S. Geological Survey triangulation station "HARPER", bears N 78°00'16" W (forward bearing), 202.013 chs. dist., monumented with a standard brass tablet in a limestone outcropping 36 x 24 x 1 ins. above ground, tablet is mkd. HARPER 1954.

S 83°53' W, bet. secs. 1 and 36, on the S bdy. of T 15 N, R 26 E.

Ascend over SE slope.

- 5.30 Spur, slopes S 30° W.
- 39.25 Wash, 6 ft. wide, drains S 45° W.
- 40.54 The ¼ sec. cor. of secs. 1 and 36, monumented with an iron post, 2½ ins. diam., projecting 5 ins. above ground, with brass cap mkd.

Dependent Resurvey, Portion S Bdy.,
T 15 N, R 26 E, Gila and Salt River Meridian, Arizona

CHAINS	<p style="text-align: center;">T15N R26E $\frac{1}{4}$ S36 S1 T14N R26E 1963</p> <p>A mound of stone, 2½ ft. base, 1 ft. high, is N of the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S 83°52' W , beginning new measurement.</p> <p>1.40 Spur, slopes SW.</p> <p>19.80 Dirt road, 15 lks. wide, bears N 20° E and S 20° W.</p> <p>28.75 Dirt dike, 20 lks. wide, bears S 50° E and N 50° W.</p> <p>40.54 The cor. of secs. 1, 2, 35, and 36, monumented with an iron post, 2½ ins. diam., projecting 5 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T15N R26E S35 S36 S2 S1 T14N R26E 1964</p> <p>The cor. is located 5.40 chs. E of a fence bearing N and S.</p> <hr/> <p style="text-align: center;">Dependent Resurvey, Portion E Bdy., T 15 N, R 26 E, Gila and Salt River Mer., Arizona</p> <hr/> <p>(Restoring the survey by O.D. Wheeler in 1882, and the dependent resurvey by B.S. Owens, P.G. Bauer, and W.R. Ott in 1963-64.)</p> <hr/> <p>From the cor. of Tps. 14 and 15 N, Rs. 26 and 27 E.</p> <p>N 0°48' E, bet. secs. 31 and 36, on the E bdy. of the Tp.</p>
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Dependent Resurvey, Portion E Bdy.,
T 15 N, R 26 E, Gila and Salt River Meridian, Arizona

CHAINS	<p>Ascend over a S slope.</p> <p>8.25 Top of ascent, descend over broken NW slope.</p> <p>20.765 Point selected for the witness point at the intersection with the center line of the Zuni Pilgrimage Route (Koyemshi Trail).</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>From this point the cor. of secs. 25, 26, 35, and 36, now identical with AP 1, sec. 36, on the center line of the Zuni Pilgrimage Route (Koyemshi Trail), T 15 N, R 26 E, bears N 61°04.8' W, 93.205 chs. dist., hereinafter described.</p> <p>40.20 The ¼ sec. cor. of secs. 31 and 36, monumented with an iron post, 2½ ins. diam., projecting 11 ins. above ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>A mound of stone, 2 ft. base, 1 ft. high, is W of the cor.</p>
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Dependent Resurvey, Portion E Bdy.,
T 15 N, R 26 E, Gila and Salt River Meridian, Arizona

CHAINS	<p>The cor. is located on a N slope.</p> <hr/> <p>N 0°48' E , beginning new measurement.</p> <p>Descend over a broken NW slope.</p> <p>40.21 The cor. of secs. 25, 30, 31, and 36, monumented with an iron post, 2½ ins. diam., projecting 8 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T15N</td></tr> <tr><td>R26E</td><td>R27E</td></tr> <tr><td>S25</td><td>S30</td></tr> <tr><td>S36</td><td>S31</td></tr> <tr><td colspan="2">1963</td></tr> </table> </div> <p>A mound of stone, 2½ ft. base, 1 ft. high, is W of the cor.</p> <hr/> <p style="text-align: center;">Dependent Resurvey, Portion of the Subdivisional Lines, T 15 N, R 26 E, Gila and Salt River Meridian, Arizona</p> <hr/> <p>(Restoring the survey by O.D. Wheeler in 1882, and the dependent resurvey by B.S. Owens, P.G. Bauer, and W. R. Ott in 1963-64.)</p> <hr/> <p>From the cor. of secs. 1, 2, 35, and 36.</p> <p>N 0°32' W, bet. secs. 35 and 36.</p> <p>Over nearly level grassland.</p> <p>6.05 Wash, 1.50 chs. wide, drains S 70° W.</p> <p>37.25 The ¼ sec. cor. of secs. 35 and 36, monumented with an iron post, 2½ ins. diam., projecting 10 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T15N R26E</td></tr> <tr><td colspan="2">¼</td></tr> <tr><td>S35</td><td>S36</td></tr> <tr><td colspan="2">1964</td></tr> </table> </div>	T15N		R26E	R27E	S25	S30	S36	S31	1963		T15N R26E		¼		S35	S36	1964	
T15N																			
R26E	R27E																		
S25	S30																		
S36	S31																		
1963																			
T15N R26E																			
¼																			
S35	S36																		
1964																			

Dependent Resurvey, Portion of the Subdivisional Lines
T 15 N, R 26 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A mound of stone, 2½ ft. base, 1 ft. high, is W of the cor.</p> <p>The cor is located 4.77 chs. dist. E of a fence, bears N and S.</p> <hr/> <p>N 0°30' W, beginning new measurement.</p> <p>Over nearly level grassland.</p>
15.65	Ascend S slope.
26.35	Ridge, bears E and W, descend over N slope.
37.24	<p>The cor. of secs. 25, 26, 35, and 36, now also identical to AP 1, sec. 36, on the center line of the Zuni Pilgrimage Route (Koyemshi Trail), monumented with an iron post, 2½ ins. diam., projecting 5 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T15N R26E S26 S25 S35 S36 1964</p> </div>
	<p>A mound of stone, 2 ft. base, 1 ft. high, is W of the cor.</p> <p>The cor is located 4.27 chs. dist. E of a fence bearing N and S.</p> <hr/> <p>From the cor. of secs. 25, 30, 31, and 36, on the E bdy. of the Tp.</p> <p>S 79°59' W, bet. secs. 25 and 36.</p> <p>Descend over gradual W slope.</p>
41.85	<p>The ¼ sec. cor. of secs. 25 and 36, monumented with an iron post, 2½ ins. diam., projecting 9 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T15N R26E ¼ S25 S36 1964</p> </div>

Dependent Resurvey, Portion of the Subdivisional Lines
T 15 N, R 26 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A mound of stone, 1 ft. base, 1 ft. high, is N of the cor.</p> <p>The cor. is located on a W slope.</p> <hr/> <p>S 79°57' W, beginning new measurement.</p>
6.00	Dirt road, 10 lks. wide, bears N 2° E and S 2° W.
13.90	Wash, 30 lks. wide, drains S 6° E.
22.90	Wash, 15 lks. wide, drains S 10° W.
31.25	Wash, 40 lks. wide, drains S 15° E.
41.85	The cor. of secs. 25, 26, 35, and 36.
<hr/> <p>Metes-and-Bounds Survey, Portion Zuni Pilgrimage Route (Koyemshi Trail) T 15 N, R 26 E, Gila and Salt River Mer., Arizona</p> <hr/>	
	<p>From the cor. of secs. 25, 26, 35, and 36, identical to AP 1, Zuni Pilgrimage Route (Koyemshi Trail).</p> <p>S 61°04.8' E, on the Zuni Pilgrimage Route (Koyemshi Trail).</p> <p>Over rolling grassland.</p>
93.205	<p>The witness point bet. secs. 31 and 36, on the E bdy. of the Tp., hereinbefore described.</p> <p>From this point the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, bears N 0°48' E, 19.435 chs. dist.</p> <p>From this same point AP 1, sec. 5, T 14 N, R 27 E, on the center line of the Zuni Pilgrimage Route at the intersection of the Main Trail, the Kiva Groups Trail, and the Koyemshi Trail, bears S 61°04.8' E, 91.16 chs. dist., monumented with a stainless steel post, 2½ ins. diam., firmly set, with brass cap mkd. as described in the field notes of the metes-and-bounds survey in T 14 N, R 27 E, executed concurrently under this same group.</p> <hr/>

T 15 N, R 26 E, Gila and Salt River Meri., Arizona

CHAINS

GENERAL DESCRIPTION

The land encompassed in this survey is located about twelve miles north of a small town in northeastern Arizona called Concho. This area drains to the southwest by many washes, flowing to the Zuni River which flows west to the Little Colorado River. The area is rolling to hilly grassland with elevations ranging from 5540 feet to 5680 feet above sea level.

This area is reached by many dirt roads from the south off State Highway No. 180. The only improvement in the area is a windmill near the south boundary of sec. 36.

The mean magnetic declination as taken from the U.S. Geological Survey quadrangle map "ADAMANA 4 NE" is 14° E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Timothy J. Moore	Crew Chief, Survey Technician
Robert J. Lyle	Surveying Technician
Robert L. Spiesman II	Surveying Aid
Rebecca Ramirez	Surveying Aid

CERTIFICATE OF SURVEY

I, Stephen J. Malloy, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 4th day of August, 1987, I have dependently resurveyed a portion of the south and east boundaries and a portion of the subdivisional lines, and surveyed a metes-and-bounds survey of the center line of the Zuni Pilgrimage Route (Koyemshi Trail), in Township 15 North, Range 26 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; 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.

OCT 23 1987

 (Date)

Stephen J. Malloy

 (Cadastral Surveyor)

 (Date)

 (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
 Arizona State Office
 Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the south and east boundaries, and a portion of the subdivisional lines, and a metes-and-bounds survey of the center line of the Zuni Pilgrimage Route (Koyemshi Trail), Township 15 North, Range 26 East of the Gila and Salt River Meridian, in the state of Arizona, executed by Stephen J. Malloy, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

OCT 27 1987

 (Date)

James P. Kelley

 (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 15 N, R 26 E, Gila and Salt River Meridian, in the state of Arizona is a true copy of the original field notes.~~

~~_____
 (Date)~~

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