

Form 9180-6  
(April 1974)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY

FORT APACHE INDIAN RESERVATION

FROM ANGLE POINT 245 TO THE 41 MILE CORNER IN UNSURVEYED

TOWNSHIP 8 NORTH, RANGE 24 EAST,

Multiple horizontal lines for handwritten notes.

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

MARLIN G. LIVERMORE II SUPERVISORY CADASTRAL SURVEYOR

Under special instructions dated MARCH 25, 19 70, approved MARCH 26, 1970,

\_\_\_\_\_, which provided for the surveys included under ~~XXXX Survey~~ Group  
Number 522, and assignment instructions dated MARCH 25, 19 70.

Survey commenced MARCH 16, 19 77

Survey completed MARCH 16, 19 77

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BOOK 5039

INDEX DIAGRAM

UNSURVEYED

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Fort Apache Indian Reservation  
T. 8 N., R. 24 E., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the north boundary of the Fort Apache Indian Reservation, from angle point 245 to the 41 mile corner in unsurveyed Township 8 North, Range 24 East, of the Gila and Salt River Meridian, Arizona.

The north boundary of what is now known as the Fort Apache Indian Reservation was originally surveyed as the north boundary of the White Mountain Indian Reservation by C. H. Wallace, in 1887. This survey was superseded by a resurvey by J. B. Wright, in 1906. Certain mile corners and angle points were remonumented along this portion of the north boundary, without survey by Howard H. Thomas, in 1968. Certain mile corners and angle points were remonumented without survey on the north boundary of the reservation by Marlin G. Livermore II, in 1970.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated March 25, 1970, for Group No. 522, Arizona.

Preliminary to the resurvey the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions. Lost corners were restored and monumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by use of the solar transit and refer to the true meridian. The lines were carried by transit method and confirmed by altitude observations on the sun.

The geographic position of angle point 245, on the north boundary of the Fort Apache Indian Reservation, as scaled from the U. S. Geological Survey quadrangle map, "McNary Arizona", 1961, is as follows:

Latitude  $34^{\circ} 06.6' N.$  Longitude  $109^{\circ} 49.6' W.$

The mean magnetic declination is  $14^{\circ} E.$

Dependent Resurvey of a Portion of the North Boundary  
of the Fort Apache Indian Reservation  
T. 8 N., R. 24 E., Gila and Salt River Meridian, Arizona

Restoring the resurvey executed by J. B. Wright, in 1906

Beginning at angle point 245 on the N. bdy. of the Fort Apache Indian Reservation, monumented with an iron post,  $2\frac{1}{2}$  ins. diam., firmly set, projecting 20 ins. above ground, supported with a mound of stone,  $3\frac{1}{2}$  ft. base, to top, with brass cap mkd.

S N F

AP 245  
FAIR

1970

Dependent Resurvey, Portion of North Boundary  
 Fort Apache Indian Reservation  
 T. 8 N., R. 24 E., G&SR Mer., Arizona

CHAINS	
6.00	<p>from which a bearing tree mkd. in 1970</p> <p>An oak, 13 ins. diam., bears N. 61½° W., 82 lks. dist., with scribe marks AP 245 BT visible on open blaze.</p> <p>N. 80° 37' W., on the 41 mile.</p> <p>Over rolling land, through scattered timber and light undergrowth.</p> <p>Point for angle point 246, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, 2½ ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>S N F</p> <hr style="width: 10%; margin: 0 auto;"/> <p>AP 246 FAIR</p> <p>1977</p> <hr style="width: 30%; margin: 10px auto 0 auto;"/> </div>
1.05	<p>N. 80° 37' W., beginning new measurement.</p> <p>The reference monument for angle point 246-A, hereinafter described.</p>
1.10	<p>Point for the unnumbered angle point, at proportionate distance; there is no remaining evidence of the original corner. This corner was described as a mound of stone in the 1906 resurvey. It is now designated as angle point 246-A. This point is occupied with a charred pine stump, 18 ins. diam. and 18 ins. high.</p> <p>Set a 60d nail in the pine stump.</p> <p>from which</p> <p>An iron post, 28 ins. long, 2½ ins. diam., set 12 ins. in the ground, supported with a mound of stone, 3½ ft. base, to top, for a reference monument, bears S. 80° 37' E., 0.05 chs. dist., with brass cap mkd. RM SNF AP 246A FAIR 1977, and an arrow pointing to the cor.</p> <div style="text-align: center;"> <hr style="width: 30%; margin: 0 auto;"/> </div> <p>S. 75° 43' W., beginning new measurement.</p>
6.90	<p>The 41 mile cor., monumented with an iron post, 2½ ins. diam., firmly set, projecting 10 ins. above ground, and in a collar of stone, 2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T8N R24E</p> <p>S 8</p> <hr style="width: 10%; margin: 0 auto;"/> <p>41M FAIR</p> <p>1968</p> </div> <p>from which the bearing trees mkd. in 1968</p>

Dependent Resurvey, Portion of North Boundary  
 Fort Apache Indian Reservation  
 T. 8 N., R. 24 E., G&SR Mer., Arizona

## CHAINS

A pine, 14 ins. diam., bears N. 68° E., 73½ lks. dist., with scribe marks 41M BT visible on open blaze.

A pine, 12 ins. diam., bears N. 3° W., 157 lks. dist., with scribe marks 41M BT visible on open blaze.

Cor. is located in fence, bears E. and W.

## General Description

The lands included in the notes of the foregoing resurvey are located about 3 miles northeast of the town of McNary, Arizona. The area is drained by the tributaries of Thompson Creek. The elevation is about 7500 feet above sea level along the lines resurveyed.

Access into the area is by way of a gravel road which branches from Vernon McNary road.

Soil in the area is rocky clay loam which supports stands of scattered pine and aspen; with undergrowth of oak brush and native grasses.

No mineral deposits were noted during the course of the resurvey.

The average of a few readings along the lines resurveyed gives a value of 14° E. for the mean magnetic declination. There was no noticeable difference in local attraction.

CHAINS	
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CERTIFICATE OF SURVEY

(I) ~~(We)~~, Marlin G. Livermore II, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 25th day of March, 1970, (I) ~~(We)~~ have dependently resurveyed a portion of the north boundary of the Fort Apache Indian Reservation, from angle point 245 to 41 mile corner, in unsurveyed Township 8 North, Range 24 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), ~~(We)~~ and under (my) ~~(Our)~~ 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.

March 18, 1977  
 \_\_\_\_\_  
 (Date)

*Marlin G. Livermore II*  
 \_\_\_\_\_  
 (Cadastral Surveyor)  
 Marlin G. Livermore II

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

\_\_\_\_\_  
 (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
 Washington, D.C.

The foregoing field notes of the dependent resurvey of a portion of the north boundary of the Fort Apache Indian Reservation, from angle point 245 to the 41 mile corner, in unsurveyed Township 8 North, Range 24 East, Gila and Salt River Meridian, Arizona,

executed by Marlin G. Livermore II, Supervisory Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

SEP 20 1977  
 \_\_\_\_\_  
 (Date)

*Bernard W. Taylor*  
 \_\_\_\_\_  
 (Chief, Division of Cadastral Survey)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

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

\_\_\_\_\_  
 (Chief, Division of Cadastral Survey) GPO 849 - 626