

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

RETRACEMENT AND REMONUMENTATION

OF A PORTION OF THE WEST BOUNDARY

OF THE FORT APACHE INDIAN RESERVATION

TOWNSHIP 10½ NORTH, RANGE 15 EAST

Of the _____ GILA AND SALT RIVER _____ Meridian,

In the State of _____ ARIZONA _____

EXECUTED BY

KENNETH A. KRENKE

SUPERVISORY CADASTRAL SURVEYOR

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

SUPPLEMENTAL SPECIAL INSTRUCTIONS DATED AUGUST 31, 1977, APPROVED SEPTEMBER 8,

1977, AND SUPPLEMENTAL SPECIAL INSTRUCTIONS DATED NOVEMBER 3, 1978, APPROVED NOVEMBER 13, 1978

_____, which provided for the surveys included under ~~XXXXXX~~ Group Number _____ 522 _____, and assignment instructions dated _____ NOVEMBER 3 _____, 19 78.

Survey commenced _____ NOVEMBER 8 _____, 19 78

Survey completed _____ NOVEMBER 9 _____, 19 78

BOOK 5093

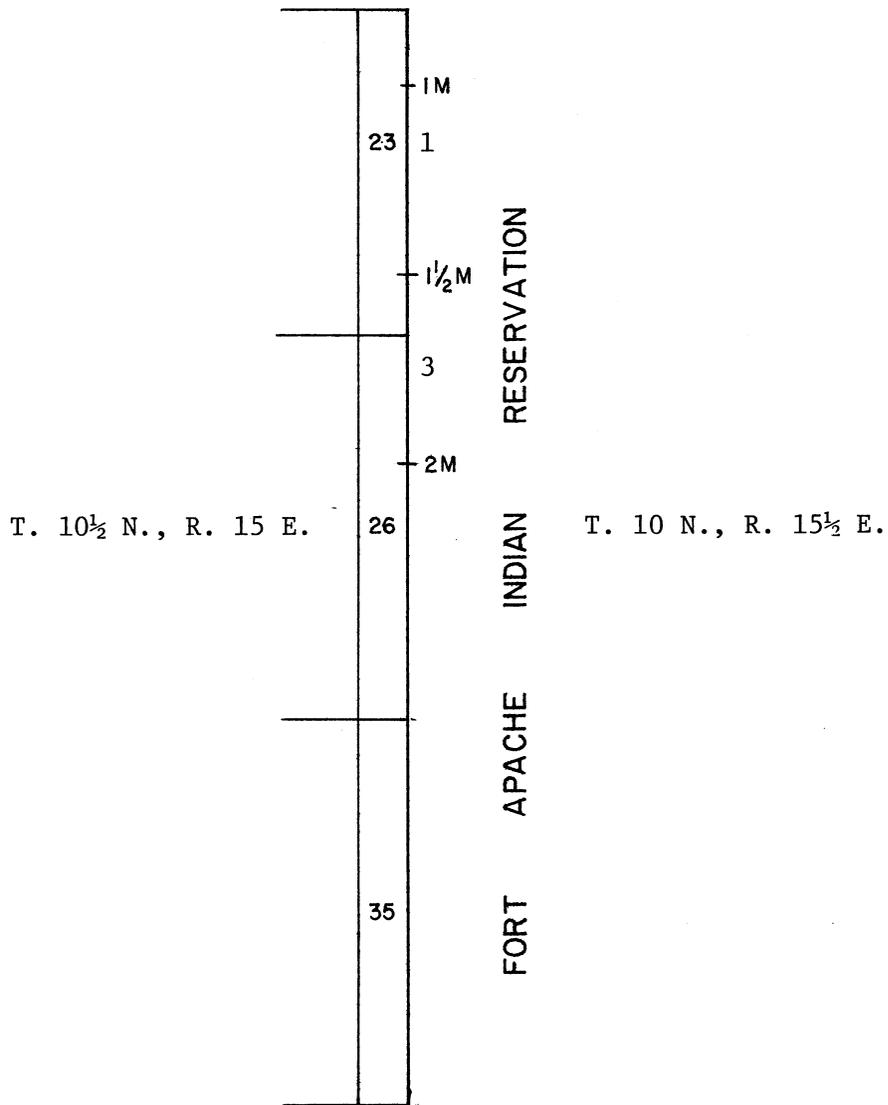
INDEX DIAGRAM

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INDEX DIAGRAM

Township 10½ North, Range 15 East



T. 10½ N., R. 15 E., Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the retracement and remonumentation of a portion of the west boundary of the Fort Apache Indian Reservation, Township 10½ North, Range 15 East, Gila and Salt River Meridian, Arizona.

The west boundary of the Fort Apache Indian Reservation in Township 10½ North, Range 15 East, was surveyed by John C. Smith in 1890. A portion of the west boundary of the reservation was retraced by Francis B. Jacobs in 1910. Certain mile corners on the west boundary of the reservation were remonumented without survey by John H. Witmer in 1969. Certain mile corners on the west boundary of the reservation were remonumented without survey by Marlin G. Livermore II, in 1970.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Supplemental Special Instructions dated November 3, 1978, for Group No. 522, Arizona.

During the course of the retracement a search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein.

The direction of the line was determined by solar observations and refers to the true meridian.

The geographic position of the second mile corner on the west boundary of the Fort Apache Indian Reservation, as scaled from the U. S. Geological Survey quadrangle map "WOODS CANYON, ARIZ.," 1961, is as follows:

Latitude 34° 16.2' N., Longitude 110° 46.9' W.

The mean magnetic declination is 14° E.

Retracement and Remonumentation of a Portion of the West Boundary of the Fort Apache Indian Reservation
T. 10½ N., R. 15 E., Gila and Salt River Mer., Arizona

Restoring the survey executed by John C. Smith in 1890, the retracement by Francis B. Jacobs in 1910, and the remonumentation by Marlin G. Livermore II, in 1970

Beginning at the 1 mile cor. on the Fort Apache Indian Reservation, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T10½N |
R15E | FAIR
S 23 | 1 M

1969

from which the remains of the original bearing trees

Retracement and Remonumentation of a Portion of the
West Boundary of the Fort Apache Indian Reservation
T. 10½ N., R. 15 E., Gila and Salt River Mer., Arizona

CHAINS

A pine, 24 ins. diam., bears N. 32° E., 89 lks.
dist., with healed blaze.

A dead pine, 40 ins. diam., bears S. 70½° E., 41
lks. dist., with scribe marks WMIRWB 1 M BT visible
on open blaze. (Record, 37 lks.)

A pine, 24 ins. diam., bears N. 70½° W., 84 lks.
dist., with healed blaze.

and the remains of the bearing trees mkd. in 1969

A dead pine, 8 ins. diam., bears S. 19° E., 76 lks.
dist., with scribe marks 1M FAIR BT visible on open
blaze.

A pine, 8 ins. diam., bears S. 58° W., 57 lks.
dist., with scribe marks 1M BT visible on partially
healed blaze (Record, 27 lks.)

Cor. is located in fence, bears N. and S.

S. 0° 42' W., on the W. bdy. of the Fort Apache Indian
Reservation, on the 2nd mile.

Descend over S. slope, through heavy timber, along a
fence, bears N. and S.

5.60 Trail road, 20 lks. wide, bears NW and SE.

7.10 Creek, 40 lks. wide, course W.; asc. over steep N. slope.

39.19 The ½ mile cor., determined at record bearing and dist.,
from the original bearing trees:

A pine, 24 ins. diam., bears N. 12° E., 7 lks.
dist., with scribe marks NMIRW visible on opened
blaze.

A pine, 24 ins. diam., bears S. 13° E., 30 lks.
dist., with scribe marks R W visible on partially
healed blaze.

From this point, the ½ mile cor. erroneously set in
1970, bears N. 5° 58' E., 0.87 chs. dist., monumented
with an iron post, 2½ ins. diam., firmly set, projecting
8 ins. above ground, in a collar of stone, with brass cap
mkd. T10½N R15E ½M FAIR S23 1970 from which the bearing
trees mkd. in 1970:

A pine, 15 ins. diam., bears N. 83° E., 69 lks.
dist., with scribe marks ½M FAIR BT visible on open
blaze.

A pine, 9 ins. diam., bears N. 72¼° W., 25 lks.
dist., with scribe marks ½M BT visible on open
blaze.

I remove the iron post, destroy the marks on the bearing
trees, and at the original corner point

Reset the iron post, 28 ins. long, 2½ ins. diam., 22 ins.
in the ground, with brass cap mkd.

Retracement and Remonumentation of a Portion of the
West Boundary of the Fort Apache Indian Reservation
T. 10½ N., R. 15 E., Gila and Salt River Mer., Arizona

CHAINS

T10½N R15E

1½M		FAIR
S 23		

1978

Cor. is located 1½ lks. W. of fence, bears N. and S.

S. 0° 21' W., beginning new measurement.

Ascend over steep N. slope.

9.60 Top of ridge, bears E. and W.; desc. over steep S. slope.

39.63 The 2 mile cor., monumented with an iron post, 2½ ins. diam., firmly set in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T10½N

R15E		FAIR
S 26		2M

1969

from which the remains of the original bearing trees

An oak, 14 ins. diam., bears N. 50° E., 42 lks. dist., with healed blaze.

An oak, 16 ins. diam., bears S. 37° E., 40 lks. dist., with scribe marks R W visible on partially healed blaze.

An oak, 14 ins. diam., bears S. 33° W., 41 lks. dist., with healed blaze.

An oak stump, 15 ins. diam., bears N. 72° W., 45 lks. dist., no marks visible.

and bearing trees mkd. in 1969

A pine, 6 ins. diam., bears S. 61° W., 44 lks. dist., with healed blaze. (Record, Fir)

A pine, 6 ins. diam., bears N. 77° W., 18 lks. dist., with scribe marks 2M BT visible on partially healed blaze.

Cor. is located in fence, bears N. and S., 14 lks. W. and 35 lks. N. of a dry creek, drains SSE.

General Description

The lands included in the notes of the foregoing survey are located about 16 miles southwest of Heber, Arizona. The area is drained by the tributaries of Canyon Creek. The average elevation along the line surveyed is 6940 feet above sea level.

Access into the area is by way of a few dirt trail roads which branch from Young to Heber Road.

Soil in the area is composed of rocky clay loam varing from a few inches to several feet in depth.

T. 10½ N., R. 15 E., Gila and Salt River Mer., Arizona

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Timber consists of pine, juniper and oak; with undergrowth of scrub oak, manzanita and native grasses.

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

The mean magnetic declination is 14° East.

CERTIFICATE OF SURVEY

(I) ~~XXX~~ Kenneth A. Krenke, HEREBY
 CERTIFY upon honor that, in pursuance of special instructions bearing date of the 25th day
 of March, 1970, ~~XXXXXX~~ supplemental special instructions
 dated August 31, 1977 and supplemental special instructions dated November
 3, 1978, (I) have retraced and remonumented a portion of the west boundary
 of the Fort Apache Indian Reservation, Township 10½ North, Range 15 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) ~~XXX~~ and under (my)
~~XXX~~ direction; and that said survey has been made in strict conformity with said special instruc-
 tions, 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.

January 15, 1979
 (Date) Kenneth A. Krenke
 Supervisory (Cadastral Surveyor)

(Date) (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
 Washington, D.C.
 Denver, Colorado

The foregoing field notes of the retracement and remonumentation of a portion of
 the west boundary of the Fort Apache Indian Reservation, Township 10½
 North, Range 15 East of the Gila and Salt River Meridian, Arizona,

executed by Kenneth A. Krenke, Supervisory Cadastral Surveyor
 having been critically examined and found correct, are hereby approved.

Dec. 7, 1979
 (Date) Mary S. Speight
 (Chief, Division of Cadastral Survey)
 Acting Chief, Cadastral Survey Examination and Approval Staff

~~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~~