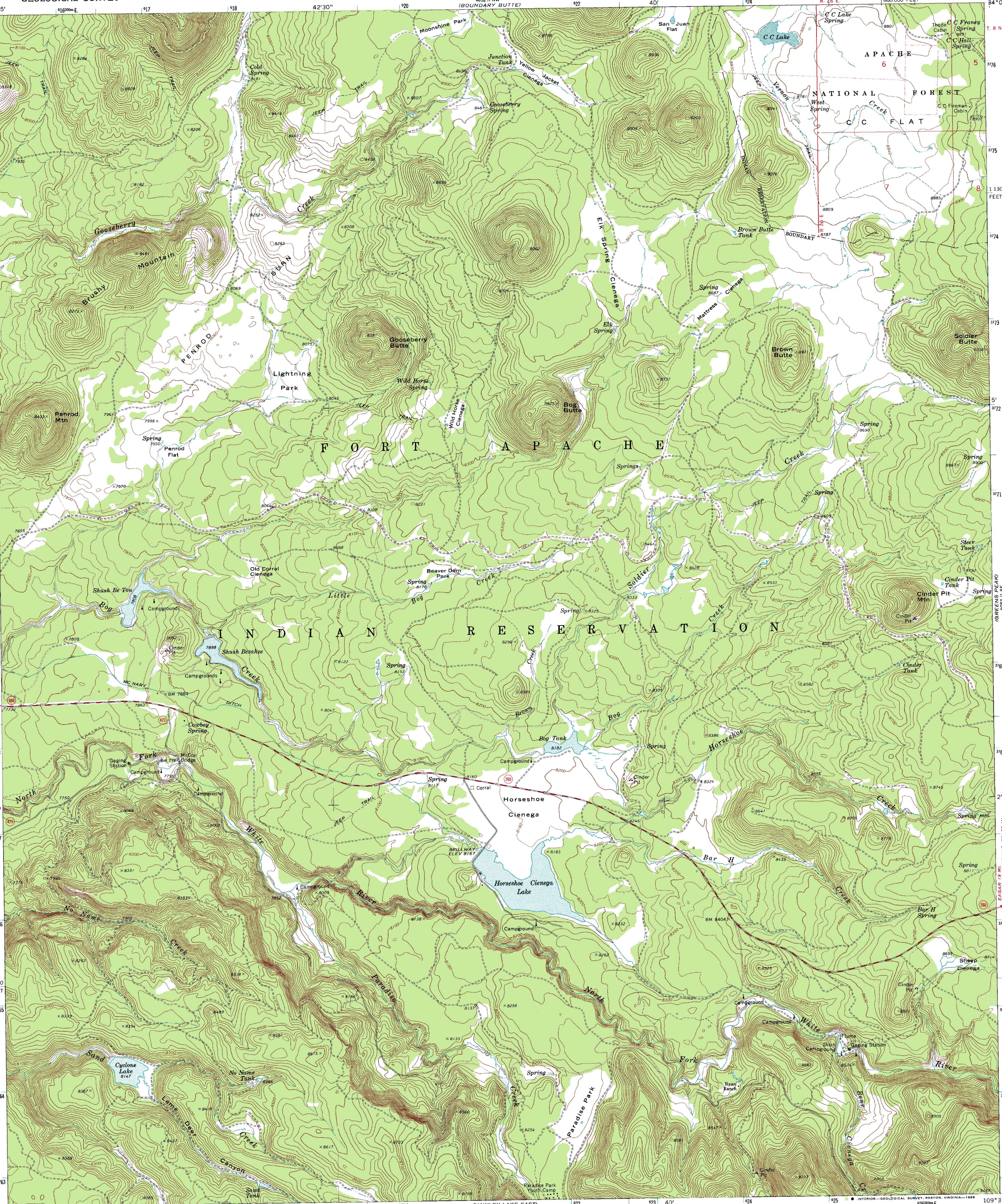
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HORSESHOE CIENEGA QUADRANGLE
ARIZONA–APACHE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4052 III NE (SPONSELLER MTN.)
4052 II NW (BOUNDARY BUTTE)
4052 II NE (WHITING KNOLL)

109°45' 34°07'30" — 616000m.E. — 617 — 618 — 42'30" — 620 — 622 — 40' — 624 — R. 26 E. — 660 000 FEET — 109°37'30" 34°07'30"



34°00' 109°45' — 616 — 630 000 FEET — 618 — 619 42'30" — 620 — (HAWLEY LAKE EAST) 4051 I NW — 622 — 623 40' — 624 — 625 — 626000m.E. — 109°37'30" 34°00'

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1986

(HAWLEY LAKE WEST) 4051 IV NE
(MOUNT ORD) 4051 I NE

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1969
Revised by the Bureau of Indian Affairs 1976. Map edited by USGS 1978

Projection and 10,000-foot grid ticks: Arizona coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue. 1927 North American Datum

Fine red dashed lines indicate selected fence lines
Where omitted, land lines have not been established

To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 59 meters east as shown by dashed corner ticks

MN GN 0°44' 13 MILS 12° 213 MILS

UTM GRID AND 1985 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Revisions shown in purple and woodland compiled from aerial photographs taken 1984 and other source data
This information not field checked. Map edited 1985

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ARIZONA
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

HORSESHOE CIENEGA, ARIZ.
34109–A6–TF–024

1978
PHOTOREVISED 1985
DMA 4052 II SW–SERIES V898