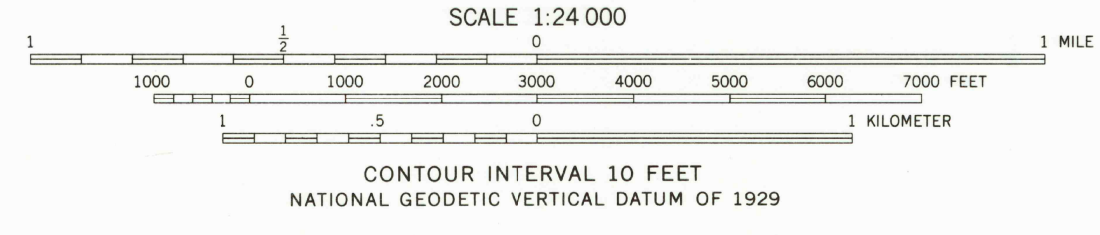


Mapped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA, and U. S. Bureau of Reclamation
Topography by photogrammetric methods from aerial
photographs taken 1964 and by plane-table surveys of the
Bureau of Reclamation 1965. Field checked by USGS 1966
Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system,
west zone
1000-meter Universal Transverse Mercator grid ticks,
zone 12, shown in blue
Certain land lines are omitted because of insufficient data
Dotted land lines established by Bureau of Indian Affairs survey
Areas covered by dashed light-blue pattern are subject
to controlled inundation

Scale 1:24,000
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UTM GRID AND 1979 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

To place on the predicted North American Datum 1983
move the projection lines 2 meters north and
57 meters east as shown by dashed corner ticks



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled from aerial photographs
taken 1978 and other source data. This information not
field checked. Map edited 1979

ROAD CLASSIFICATION
Heavy-duty Light-duty
Medium-duty Unimproved dirt
U. S. Route State Route

USGS
Historical File
Topographic Division

NEW MEXICO
QUADRANGLE LOCATION

AUG 14 1980
FRUITLAND, N. MEX.
N3637.5—W10822.5/7.5
1966
PHOTOREVISED 1979
DMA 4357 III NW—SERIES V881

CHIMNEY ROCK
1:25 500
THE HOBACK NORTH
THE HOBACK SOUTH

YOUNGS LAKE
KIRTLAND SW
KIRTLAND SE