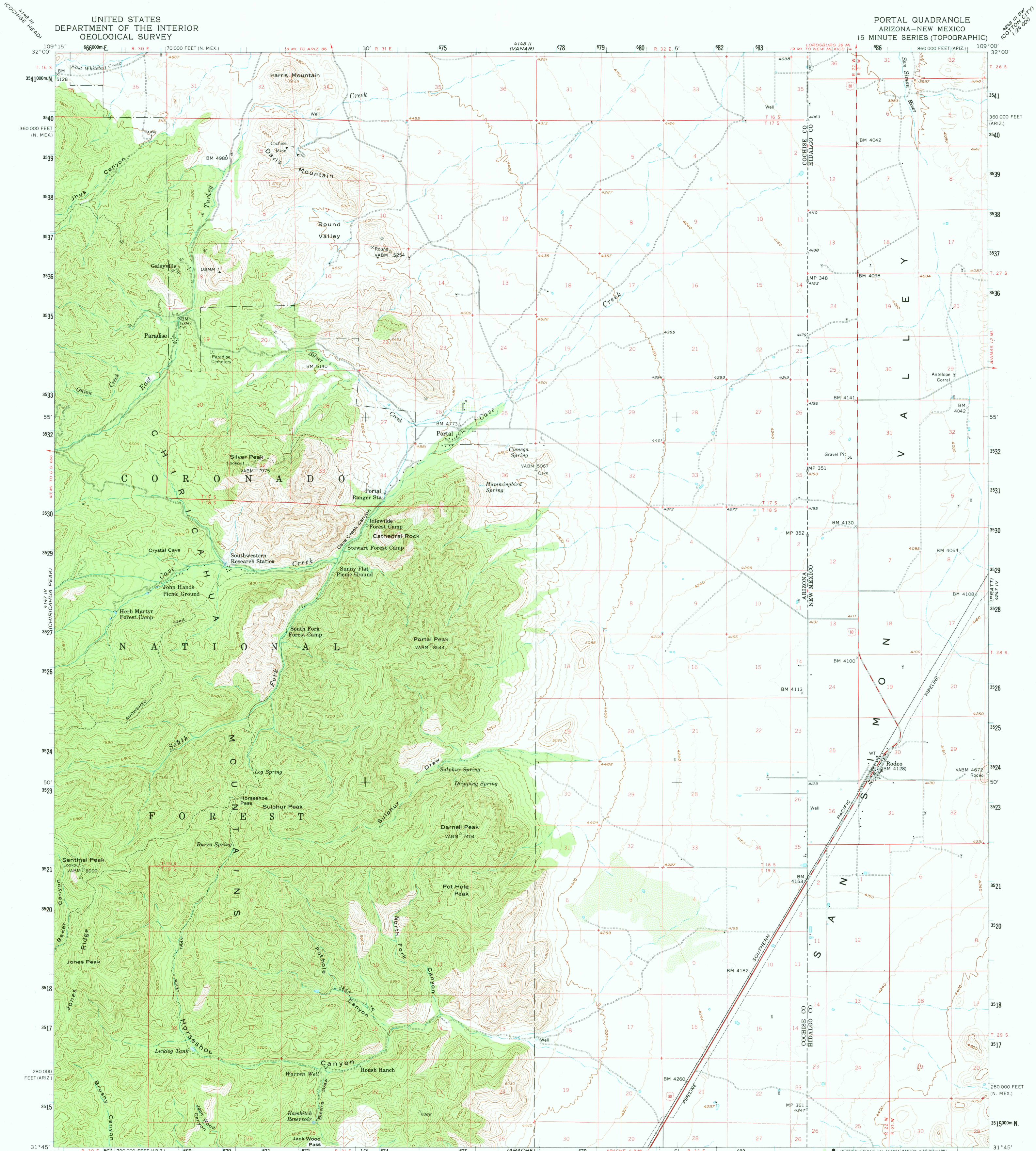




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PORTAL QUADRANGLE
ARIZONA-NEW MEXICO
15 MINUTE SERIES (TOPOGRAPHIC)

Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by ER-55 plotter
Aerial photographs taken 1956. Field check 1958
Polyconic projection. 1927 North American datum
10,000-foot grids based on Arizona coordinate system,
east zone, and New Mexico coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks,
zone 12, shown in blue
To place on the predicted North American Datum 1983
move the projection lines 9 meters south and
56 meters east
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

UTM GRID AND 1958 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:62,500

CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
U.S. Route	

QUADRANGLE LOCATION

ARIZONA

PORTAL, ARIZ.-N. MEX.
N3145-W10900/15
1958
DMA 4147 I-SERIES V798

USGS
HISTORICAL FILE
NATIONAL MAPPING DIVISION

MAY 28 1981

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