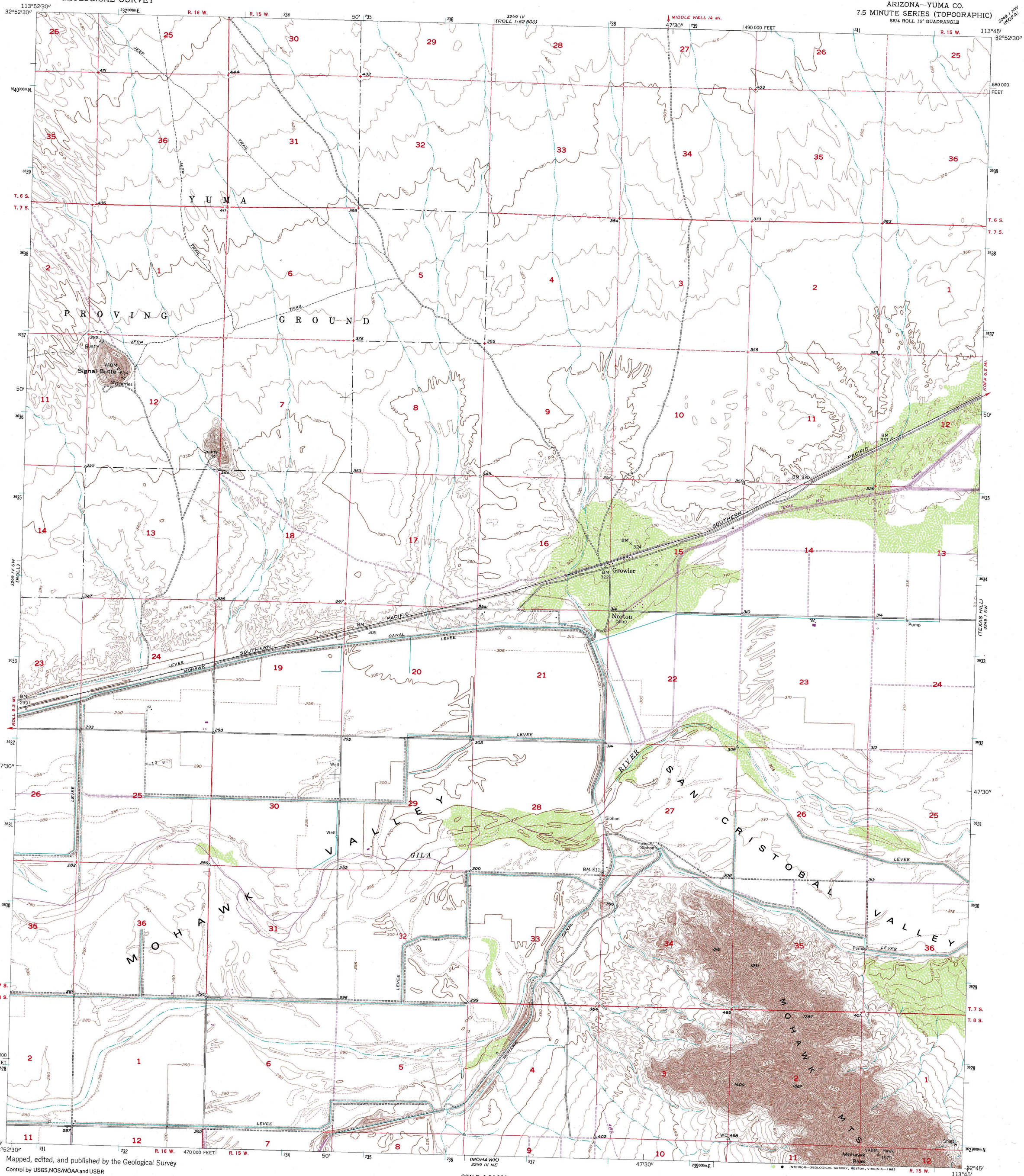
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GROWLER QUADRANGLE
ARIZONA—YUMA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 ROLL 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS,NOS/NOAA and USBR

Topography from aerial photographs by Kelsh plotter and from planetable surveys by USBR 1940 and by USGS 1955
Aerial photographs taken 1953

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona 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 4 meters south and 70 meters east as shown by dashed corner ticks
Dashed land lines indicate approximate locations
There may be private inholdings within the boundaries of the National or State reservations shown on this map

GN MN 1°31' 27 MILS 13° 231 MILS
UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DASHED LINES REPRESENT 5 FOOT CONTOURS
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

Revisions shown in purple compiled from aerial photographs taken 1980 and other source data
This information not field checked. Map edited 1982

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

GROWLER, ARIZ.
SE/4 ROLL 15' QUADRANGLE
N3245—W11345/7.5

1955

PHOTOREVISED 1982
DMA 3249 IV SE—SERIES V898