U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

USGS science for a changing world

The National Map US Topo

MACK TANKS QUADRANGLE
NEW MEXICO-OTERO CO.
7.5-MINUTE SERIES

106°00' | 32°22'30" | 4107000mE | 08 | 09 | 57'30" | 10 | 11 | 12 | 13 | 55' | 14 | 15 | 1750000 FEET | 17 | 105°52'30" | 32°22'30" | 500000 FEET

3582000mN | 81 | 80 | 79 | 78 | 20' | 77 | 76 | 75 | 74 | 17'30" | 73 | 72 | 71 | 460000 FEET | 70 | 69 | 3569000mN | 32°15'

Little Crockett Tank
Hay Meadow Canyon
Hay Meadow Tank
Middle Tank
FORT BLISS
Martin Canyon
Little Mack Tank
Mack Draw
Mack Tanks

106°00' | 1 720 000 FEET | 08 | 09 | 57'30" | 10 | 11 | 12 | 13 | 55' | 14 | 15 | 16 | 17000mE | 105°52'30" | 32°15'

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and 1 000-meter grid: Universal Transverse Mercator, Zone 13S
10 000-foot ticks: New Mexico Coordinate System of 1983 (central zone)

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....NAIP, October 2014
Roads..... U.S. Census Bureau, 2015 - 2016
Names.....GNIS, 2016
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2002
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Public Land Survey System.....BLM, 2016
Wetlands.....FWS National Wetlands Inventory 1977 - 2014

MN
GN
0° 30'
9 MILS
8° 4'
144 MILS
UTM GRID AND 2017 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
DR
Grid Zone Designation
13S

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.19

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route

1	2	3
4		5
6	7	8

1 Orogrande North
2 Wilde Tank
3 Otero Mesa North
4 Orogrande South
5 Otero Mesa South
6 Desert NE
7 Owl Tank Canyon West
8 Owl Tank Canyon East
ADJOINING QUADRANGLES

MACK TANKS, NM
2017

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