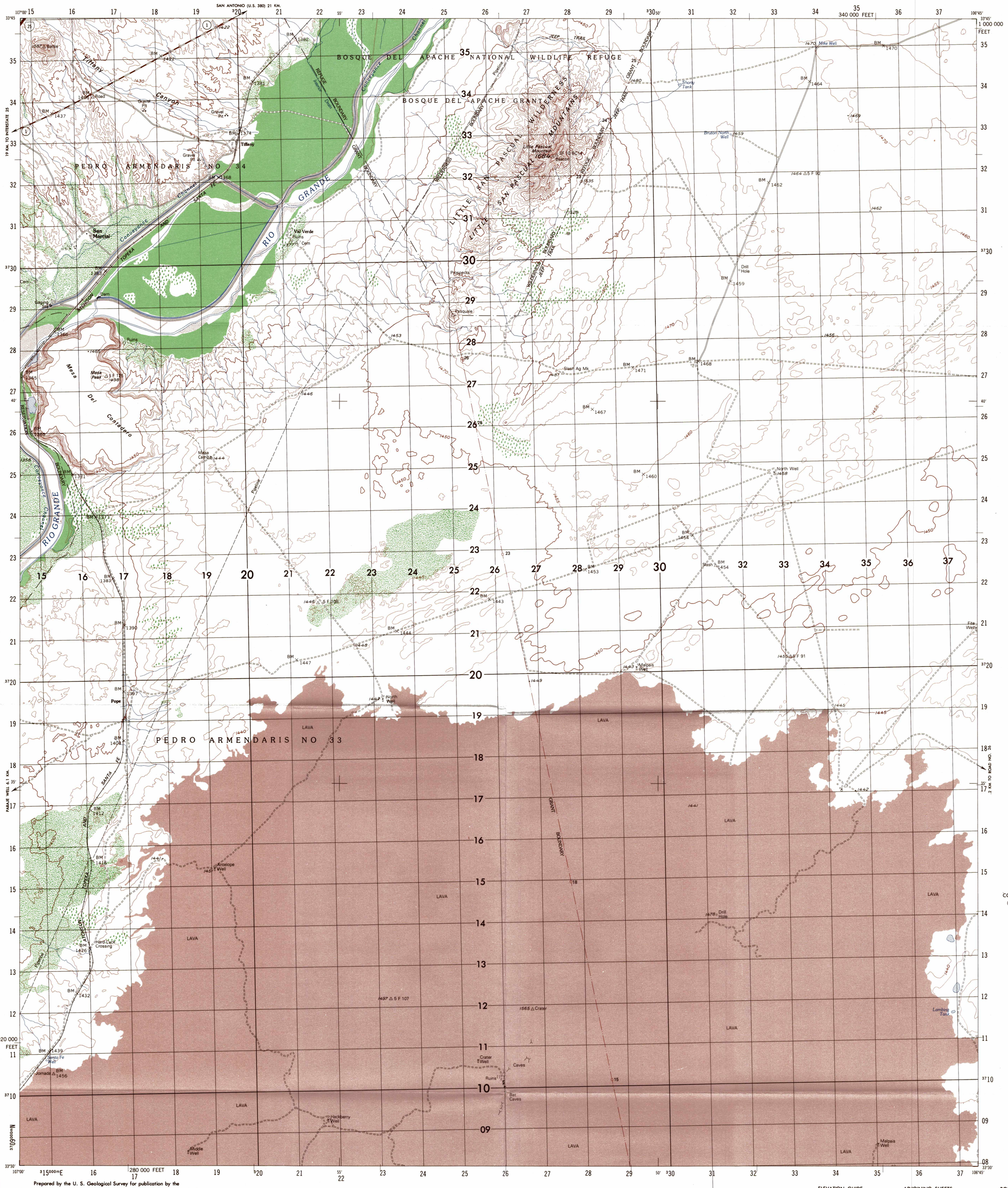
NEW MEXICO 1:50,000

VAL VERDE

EDITION 2 — DMA SERIES V781 SHEET 4651 III



Prepared by the U. S. Geological Survey for publication by the Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C.

LEGEND

MAP INFORMATION AS OF 1978

ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH. IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED.

ROADS
- Divided highway with median strip
- Primary, all weather, hard surface
- Secondary, all weather, hard surface
- Light duty, all weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Route markers: Interstate; Federal; State (74) (51) (253)
- Bridge: With superstructure; Without superstructure

RAILROADS (Standard gauge 1.44m.-4'8½")
- Single track
- Multiple track (3 TRACKS)
- Nonoperating
- Railroad station: Location known; Location unknown
- Car line
- Railroad bridge: With superstructure; Without superstructure
- Tunnel: Highway; Railroad

BOUNDARIES
- National, with monument
- State, territory
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National; State; Military (MIL. RES.)

- Power transmission line
- Buildings
- Structures
- Church; School
- Power substation
- Windmill; Watermill
- Well; Tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- Bench mark, monumented (BM × 246)
- Bench mark, non-monumented (× 301)
- Spot elevations in meters (• 133)
- Levees, rims, dikes
- Bluffs, cliffs
- Woodland
- Scattered trees; Scrub
- Vineyard; Orchard, plantation
- Intermittent lake; Dam: Earthen; Masonry
- Stream: Perennial; Intermittent
- Marsh, swamp
- Small rapids; Small falls (Falls, Rapids)
- Large rapids; Large falls

Scale 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers

1 ½ 0 1 2 3 Statute Miles

1 ½ 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOURS 5 METERS

SPHEROID: CLARKE 1866
GRID: 1,000 METER UTM ZONE 13 (BLACK NUMBERED LINES) 10,000 FOOT NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE (BLACK TICKS)
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: NATIONAL GEODETIC DATUM OF 1929
HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1927
CONTROL BY: USGS NOS/NOAA
PREPARED BY: U. S. GEOLOGICAL SURVEY
PRINTED BY: DMA 4-95

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

SAMPLE 1,000 METER GRID SQUARE (× Sample point; 46, 45, 12, 13)

100,000 M. SQUARE IDENTIFICATION: CH

GRID ZONE DESIGNATION: 13S

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12 3
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 6

Example: 123456

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREFIX THE 100,000 METER SQUARE IDENTIFICATION.

Example: CH123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

Example: 13SCH123456

GRID CONVERGENCE 1°00' (18 MILS) FOR CENTER OF SHEET

GN GRID NORTH TRUE NORTH MAGNETIC NORTH

1978 G-M ANGLE 12° (213 MILS)

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH ADD G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH SUBTRACT G-M ANGLE

ELEVATION GUIDE

684 1528 465 1358

Higher High Medium Low

ADJOINING SHEETS

4551 I	4651 IV	4651 I
4551 II	4651 III	4651 II
4550 I	4650 IV	4650 I

BOUNDARIES

NEW MEXICO

SOCORRO COUNTY

THE INTERNAL ADMINISTRATIVE BOUNDARIES ON THIS MAP ARE NOT NECESSARILY AUTHORITATIVE

CONVERSION GRAPH (1 meter = 3.28 feet)

Meters	Feet
1700	5500
	5400
	5300
1600	5200
	5100
	5000
1500	4900
	4800
	4700
1400	4600
	4500
	4400
1300	4300

THIS MAP IS RED LIGHT READABLE

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

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO: DIRECTOR, DEFENSE MAPPING AGENCY, ATTN: PR, 8613 LEE HIGHWAY, FAIRFAX, VA 22031-2137.

DMA STOCK NO. V781X46513

ED. NO. 002