UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BITTER CREEK QUADRANGLE
NEW MEXICO–OTERO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 TULAROSA 15' QUADRANGLE

(CAPITOL PEAK SE) 4750 IV SE

(THREE RIVERS) 4750 I SE

(LUMLEY LAKE NE) 4750 III NE

(TULAROSA NE) 4750 II NE

(FIFTEENMILE LAKE) 4750 III SE

(TULAROSA) 4750 II SE

106°15′ — 106°07′30″ — 33°15′ — 33°07′30″

530 000 FEET — 810 000 FEET — 780 000 FEET — 510 000 FEET

R7E R8E R9E

T 12 S — T 13 S — T 14 S

12′30″ — 10′

OSCURA 35 MI.

TULAROSA 11 MI.

(TULAROSA PEAK) 4750 II SW

4750 I SW (THREE RIVERS SW)

Minnow Site

Shrike

BM 4148

Rock Tank

BM 4140

BM 4145

TRAIL

JEEP

Rivers

Three

Creek

Bitter

WHITE SANDS MISSILE RANGE

Rita Site

R Tr

BM 4141

BM 4143

Well 4134

BM 4151

Lana

Cowan Site

Bitter Spring

BM 4147

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1982

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1975. Map edited 1981

Projection and 10,000-foot grid ticks: New Mexico coordinate system, central zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 13
1927 North American datum
To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 51 meters east as shown by dashed corner ticks

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

GN MN 0°39′ 12 MILS 11° 196 MILS

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

NEW MEXICO
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U. S. Route
State Route

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

BITTER CREEK, N. MEX.
NW/4 TULAROSA 15' QUADRANGLE
N3307.5 –W10607.5/7.5

1981

DMA 4750 II NW–SERIES V881

MAY 10 1982
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