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

AFTON QUADRANGLE
NEW MEXICO-DOÑA ANA CO.
7.5-MINUTES SERIES (TOPOGRAPHIC)

107°00′ — 106°52′30″ — 32°07′30″ — 32°00′ — 55′ — 57′30″ — 300 000 FEET — 400 000 FEET — 270 000 FEET — 370 000 FEET

R 2 W — R 1 W — R 1 E — T 25 S — T 26 S

PIPELINES — MEXICO — NEW — PRINCIPAL — MERIDIAN

Afton — Rutter — Well — Norwood Well — Tank — 4237 — BM 4216 — BM 4228 — BM 4212 — BM 4204 — 4437 Crater

THE MALPAIS

Produced by the United States Geological Survey

Derived from imagery taken 1972 and other sources. Photoinspected using imagery taken 1996; no major culture or drainage changes observed. Public Land Survey System and survey control current as of 1974 Boundaries verified 2001

North American Datum of 1927 (NAD 27). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 13
10 000-foot ticks: New Mexico Coordinate System of 1927 (central zone)

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

MN — GN — 1° 02′ 18 MILS — 10° 178 MILS

UTM GRID AND 2001 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

20% TOTAL RECOVERED FIBER

SCALE 1:24 000

1 .5 0 KILOMETERS 1 2
1000 0 METERS 1000 2000
1 .5 0 MILES 1
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

CONTOUR INTERVAL 10 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, ADD 2 FEET)
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NEW MEXICO
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Aden Hills
2 Afton NW
3 Black Mesa
4 Aden Crater
5 Little Black Mountain
6 Mount Riley
7 Kilbourne Hole
8 Lanark

ADJOINING 7.5' QUADRANGLES

INTERIOR - GEOLOGICAL SURVEY, RESTON, VIRGINIA - 2001

ROAD CLASSIFICATION

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

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USGS NMD
STORICAL MAP ARCHIVES

AFTON, NM
1996
NIMA 4648 III SW-SERIES V881

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