UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARROSA RANCH QUADRANGLE
NEW MEXICO–VALENCIA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

(PAXTON SPRINGS)

108°00' — 35°00' — 227 000m. E. — 57'30" — R. 11 W. — R. 10 W. (SAN RAFAEL) — 55' — 480 000 FEET — 107°52'30" — 35°00'

GRANTS 13 MI.
SAN RAFAEL 8.4 MI.

(GRANTS SE)

3876 000m. N.

1 450 000 FEET

GALLUP 75 MI.
EL MORRO 21 MI.

T. 9 N. — 57'30" — T. 8 N.

1 420 000 FEET

460 000 FEET — 34°52'30"

3864 000m. N.

235 000m. E.

39 MI. TO N. MEX. 36

17 MI. TO INTERSTATE 40

(LAGUNA HONDA)

(ILOS PILARES)

CIBOLA NATIONAL FOREST

BONITA CANYON

Cerritos de Jaspe

BOUNDARY INDEFINITE

LAVA

THE MALPAIS

LITTLE HOLE IN THE WALL

The Narrows

Reid and Bright Ranch

Arrosa Ranch

Porter Ranch

Gravel Pit

Prospects

Mine

BM 7148

BM 6694

BM 6772

BM 6959

BM 7125

BM 6931

VABM 8033 Brad

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1956. Field checked 1961

Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

13½° TRUE NORTH — MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1961

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 20 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Medium-duty — Light-duty
Unimproved dirt
State Route

NEW MEXICO
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D.C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D.C.-1963
MR 6209

ARROSA RANCH, N. MEX.
N3452.5–W10752.5/7.5
1961

USGS
Historical File
Topographic Division
USGS
FILE COPY
TOPOGRAPHIC DIVISION
2250
MAR 25 1963