UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARCH QUADRANGLE
NEW MEXICO—TEXAS
15 MINUTE SERIES (TOPOGRAPHIC)

5352 IV (PORTAIR)
5452 IV SW (LARIAT) 1:24 000
5352 I (CLOVIS)
TEXICO 10 MI
5352 II (PORTALES)
PORTALES 5.1 MI
CLOVIS 27 MI
PORTALES (US 70) 8 MI
DORA 12 MI
(BIRDWELL RANCH 1:24 000) 5452 III NW
BIRDWELL RANCH 6.2 MI
COYOTE LAKE 6.5 MI
(STEGALL 1:24 000) 5452 III SW
NEEDMORE 17 MI
NEEDMORE (TEX 24) 16 MI
MULESHOE 30 MI
(THREEWAY SCHOOL) 1:24,000
5351 IV NE (DORA) 1:24 000

103°15′ — 103°00′ — 34°15′ — 34°00′

662 000m E. — 270 000 FEET (TEX.) — 900 000 FEET (N. MEX.) — 330 000 FEET 684 000m E.

3791 000m N. — 980 000 FEET (TEX.) — 1 180 000 FEET (N. MEX.) — 1 100 000 FEET (N. MEX.) — 900 000 FEET (TEX.) — 3767 000m N.

R. 35 E. — R. 36 E. — R. 37 E.

T. 1 S. — T. 2 S. — T. 3 S.

ROGERS 2.2 MI — ROGERS 7.2 MI — ROGERS 11 MI — DORA 20 MI

840 000 FEET (N. MEX.)

(CAUSEY WEST) 1:24 000 5351 I NW — (CAUSEY EAST) 1:24 000 5351 I NE

PRIVATE — JEEP TRAIL — TRAIL — JEEP

BM 4040 — BM 4029 — BM 4009 — BM 3991 — BM 3999 — BM 4009 — BM 3958 — BM 3961 — BM 3983 — BM 3935 — BM 3921 — BM 3917 — BM 3922 — BM 3925 — BM 3899 — BM 3973 — BM 4107 — BM 4090

Coldwater Ranch — Well 3976 — Well 4065 — Well 3918 — Well 3938 — Alkali — Eiland Cem — Caliche Pit — Arch — Phillips Ranch — Little Salt Lake — Nickles Ranch — Golden Ranch — Clark Mon No 4 — Caliche Pit

SALT LAKE

PORTALES

VALLEY

NEW MEXICO — TEXAS

ROOSEVELT CO — BAILEY CO

MP 154 — MP 152 — MP 151 — MP 150 — MP 148 — MP 147 — MP 146 — MP 145 — MP 144 — MP 142 — MP 141 — MP 140 — MP 139 — MP 138

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by ER-55 plotter and by planetable surveys 1957. Aerial photographs taken 1954

Polyconic projection. 1927 North American Datum
10,000-foot grid based on New Mexico coordinate system, east zone, and Texas coordinate system, north central zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

Dashed land lines indicate approximate locations
Land lines are based on cultural development and do not necessarily reflect the original survey

To place on the predicted North American Datum 1983 move the projection lines 5 meters south and 45 meters east

GN 1°03′ 19 MILS — MN 12° 213 MILS
UTM GRID AND 1957 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:62500
1 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

NEW MEXICO
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Medium-duty — Light-duty
Unimproved dirt
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

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

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