GEOLOGIC MAP OF THE MAGERS CROSSING QUADRANGLE, TEXAS

BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP

1999

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAGERS CROSSING QUADRANGLE
TEXAS–UVALDE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

6042 III NE (LEAKEY)

6043 III NW (RIO FRIO)

6043 IV NE (VANDERPOOL)

6042 I SW (REAGAN WELLS)

6042 IV NW (DEEP CREEK)

6041 I NE (TRIO)

6041 I SE (UTOPIA)

99°45' — 99°37'30" — 29°37'30" — 29°30'

1 770 000 FEET — 1 800 000 FEET — 650 000 FEET — 610 000 FEET

3277000m.N. — 3264000m.N.

UVALDE 23 MI. DEL RIO 94 MI.

JUNCTION 73 MI. LEAKEY 8.8 MI.

RIO FRIO 0.9 MI.

6.7 MI. TO TEX. 187 UTOPIA 6.9 MI.

2.2 MI. TO TEX. 107

MC — MC'

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1960. Field checked 1960

Polyconic projection. **1927 North American Datum**
10,000-foot grid based on Texas coordinate system, south central zone
1000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue

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

To place on the predicted North American Datum 1983 move the projection lines 20 meters south and 32 meters east as shown by dashed corner ticks

UTM GRID AND 1960 MAGNETIC NORTH DECLINATION AT CENTER OF MAP DIAGRAM IS APPROXIMATE

SCALE 1:24 000

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

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

Geology by E. W. Collins

1999

TEXAS
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Medium-duty — Light-duty
Unimproved dirt
U.S. Route

MAGERS CROSSING, TEX.
29099–E6–TF–024
1960

Part of the geology modified from Welder and Reeves (1964).

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1967