UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

GEOLOGIC MAP OF THE HELMS WEST WELL QUADRANGLE, TEXAS
BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP
1995

HELMS WEST WELL QUADRANGLE
TEXAS-EL PASO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 HUECO TANKS 15' QUADRANGLE

(NATIONS EAST WELL)

(HUECO MOUNTAINS) 1:62 500

106°07'30" — 394 000m. E. — 5' — (HUECO TANKS) — 2'30" — 240 000 FEET — 106°00'

31°52'30" — 3526 000m. N. — 50' — 840 000 FEET — 47'30" — 810 000 FEET — 31°45'

HIDDEN TANK 0.3 MI. — HUECO TANKS 3.5 MI. — EL PASO 21 MI. — ALT. FLAT 18 MI. — PHONELINE TANK 3.6 MI. — ROCKHOUSE 1.6 MI. — LAKE TANK 3.8 MI.

(NATIONS SOUTH WELL) — (HUECO MOUNTAINS 1:62 500)

(CLINT NW) — (CLINT NE) — (BORREGO) 1:62 500

Middee Tank — Mikes Tank — Dugout Tank — Water Tank — Mayton Tank — Helms West Well — Water — Well — BM — TELEPHONE — FENCE — PIPELINE AQUEDUCT — 3 LANE — Four Mile Canyon — Wow Canyon — Mhr Canyon — WINDMILL ROAD — Brown

Qa — Qaa — Qac — Qf1-2 — Qf3 — Qf3-4 — Qf4 — Qws — Qws2 — Qwsd — Qa+Qws — Phl — Php — Phu — Pmm — Pml — Mhr — Dpc — Sf — Om — Oe — Qe

Mapped by the Army Map Service
Published for civil use by the Geological Survey

Control by USGS, USC&GS, and USCE

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1954. Photography field annotated 1955

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

Unchecked elevations are shown in brown

Rev. 1, 4/96

12½° TRUE NORTH / MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1955

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
DASHED LINES REPRESENT 5 AND 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

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

Geology by E. W. Collins and J. A. Raney
1995
Bedrock geology modified from King and others (1945).

TEXAS
QUADRANGLE LOCATION

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

HELMS WEST WELL, TEX.
SE/4 HUECO TANKS 15' QUADRANGLE
N3145—W10600/7.5
1955

QAe2379

403 000m. E. — 3514 000m. N.

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D.C.-1959-NS
M R-0980