UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

GEOLOGIC MAP OF THE NATIONS EAST WELL QUADRANGLE, TEXAS
BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP
1995

NATIONS EAST WELL QUADRANGLE
TEXAS–EL PASO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4748 II SE (NEWMAN)
4748 II SW (DESERT SW)
4748 II SE (DESERT SE)
4747 IV NE (FORT BLISS NE)
4747 I NE (HUECO TANKS)
4747 IV SE (FORT BLISS SE)
4747 I SE (HELMS WEST WELL)
4747 I SW (NATIONS SOUTH WELL)

HOT WELL 4.4 MI.
HOT WELL 0.5 MI.
MESQUITE TANK 0.9 MI.
HELLS HOLE WELL 0.6 MI.
4 MI. TO U.S. 62 AND 180
7.3 MI. TO U.S. 54

106°15′ 106°07′30″ 32°00′ 31°52′30″
12′30″ 10′ 57′30″ 55′
200 000 FEET 890 000 FEET 860 000 FEET 170 000 FEET

Joint Well
Water
Nations East Well
BM
Tiger Tank
Corral Tank
Rose Tank
San Juan Tank
FENCE

Qa+Qws
Qws
Qf3-4
Qac
Phl
Phm
Qa

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

To place on the predicted North American Datum 1983 move the projection lines 8 meters south and 50 meters east as shown by dashed corner ticks

Map photoinspected 1973
No major culture or drainage changes observed

UTM GRID AND 1955 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
MN GN 0°38′ 11 MILS 12½° 222 MILS

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT 5 AND 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 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Geology by E. W. Collins
1995
Bedrock geology modified from King and others (1945)
Sand-covered scarps modified from
Seager (1980) and Henry and Gluck (1981)

ROAD CLASSIFICATION
Light-duty ——— Unimproved dirt - - - - -

TEXAS
QUADRANGLE LOCATION
3106–443

NATIONS EAST WELL, TEX.
31106–H2–TF–024
1955
DMA 4747 I NW–SERIES V882
PHOTOINSPECTED 1973

INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA 1987