UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
4747 I NW
(NATIONS EAST WELL)

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

NATIONS SOUTH WELL QUADRANGLE
TEXAS–EL PASO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 HUECO TANKS 15' QUADRANGLE

4747 IV NE (FORT BLISS NE)
4747 I NE (HUECO TANK)
4747 IV SE (FORT BLISS SE)
4747 I SE (HELMS WEST WELL)
(YSLETA) 4747 II NE
(CLINT NW) 4747 II NW
(CLINT NE) 4747 I NE
YSLETA FARENS 2.4 MI.
EL PASO 13 MI.
NATIONS EAST WELL 2.9 MI.
NATIONS EAST WELL 1.2 MI.
HELLS HOLE WELL 0.5 MI.
SALT FLAT 66 MI.
JOINT WELL 2.2 MI.

106°15' 12'30" 10' 106°07'30"
31°52'30" 31°47'30" 31°45'
3525 000m N. 3840 00m E.
170 000 FEET 200 000 FEET 840 000 FEET 810 000 FEET

Qws Qws2 Qwsd Qa Qa+Qws Qf3-4 Phl

Nations South Well Water
Deep Well
Valve Station
Water
Rockhouse
Substation
The Hueco Club
Swimming Pool
Hueco Water Wells
Dagger Well
BM 4038
BM 4035
BM 4011
BM 4071
4012
4036
4036

TELEPHONE
PIPELINE
FENCE
AQUEDUCT

Mapped by the Army Map Service
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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-metre Universal Transverse Mercator grid ticks, zone 13, shown in blue

Unchecked elevations are shown in brown

UTM GRID AND 1955 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 0°37' 11 MILS 12½° 222 MILS

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

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
Sand-covered scarps modified from Seager (1980) and Henry and Gluck (1981)

TEXAS
QUADRANGLE LOCATION

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

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1976

NATIONS SOUTH WELL, TEX.
SW/4 HUECO TANKS 15' QUADRANGLE
N3145—W10607.5/7.5
1955
AMS 4747 I SW—SERIES V882

3106-442