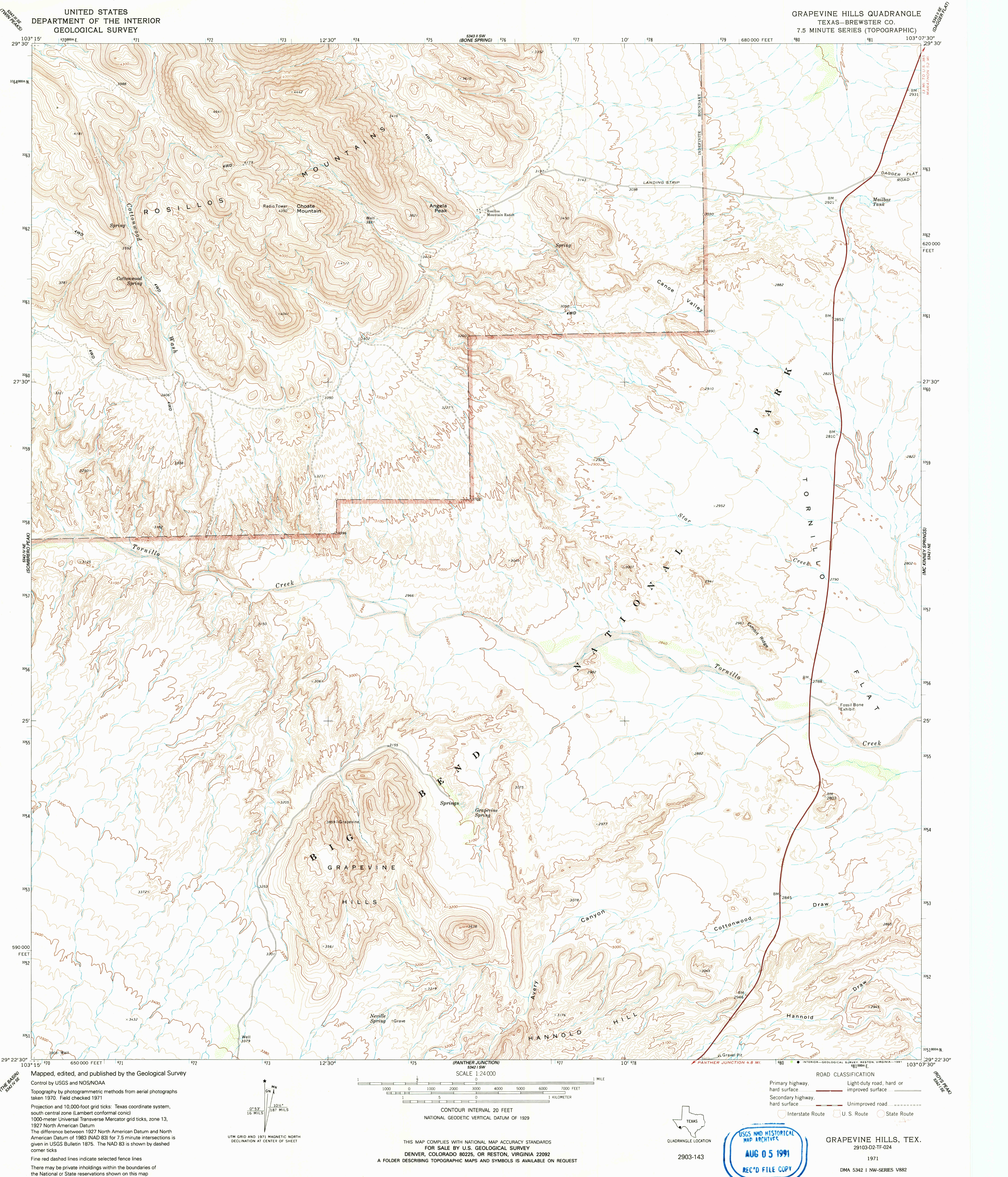




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

103° 15' 1700000 E 671 672 673 12° 30' 674 675 5343 II SW (BONE SPRING) 676 677 10' 678 679 680 000 FEET 680 681 103° 07' 30" 29° 30' 3164000 N

3163 3162 3161 3160 27° 30' 3159 3158 3157 3156 25' 3155 3154 3153 3152 590 000 FEET 3151 29° 22' 30" 103° 15' 670 650 000 FEET 671 672 673 12° 30' 675 676 677 10' 678 679 680 000 FEET 680 681 103° 07' 30" 29° 30' 3164000 N

THE BATHY 5341 NE

Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1970. Field checked 1971
Projection and 10,000-foot grid ticks: Texas coordinate system, south central zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks, zone 13, 1927 North American Datum
The difference between 1927 North American Datum and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1875. The NAD 83 is shown by dashed corner ticks
Fine red dashed lines indicate selected fence lines
There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

0° 53' 16 MILS
10° 05' 187 MILS

SCALE 1:24,000

1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 5 10 15 20 25 30 35 40 45 50 KILOMETER

CONTOUR INTERVAL 20 FEET
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

TEXAS
QUADRANGLE LOCATION
2903-143

ROAD CLASSIFICATION

Primary highway, hard surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U. S. Route
State Route

Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U. S. Route
State Route

USGS MND HISTORICAL MAP ARCHIVES
AUG 05 1991
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GRAPEVINE HILLS, TEX.
29103-02-TF-024
1971
DMA 5342 I NW-SERIES V882