GEOLOGIC MAP OF THE BRYAN WEST QUADRANGLE, TEXAS

BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP

IN COOPERATION WITH THE STATEMAP COMPONENT OF THE NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM ADMINISTERED BY THE U.S. GEOLOGICAL SURVEY

STATE OF TEXAS
TEXAS WATER COMMISSION

BRYAN WEST QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

6645 I SE (HEARNE SOUTH)
6745 IV SW (DUNN CREEK)
6745 IV SE (KURTEN)
6645 II NE (MUMFORD)
6745 II NE (BRYAN EAST)
6745 III SW (CHANCES STORE)
6745 II SE (WELLBORN)

QUATERNARY
- Qal–Alluvium
- Qalbr–Alluvium of Brazos River
- Qtbr–Terrace deposits of Brazos River

EOCENE
- Ey–Yegua Formation
- Ecm–Cook Mountain Formation

50ft Line indicating the approximate 50-ft thickness of Brazos River alluvium. Alluvium thins toward floodplain margins. Interpreted from driller's logs and Records of water well depths.

5921721 (-34) [+214] Water well in Brazos River alluvium aquifer. Seven-digit number = State Well number. Most recent measurement of depth, in feet, to water from surface shown in parentheses (-30). Corresponding elevation of water, in feet relative to mean sea level, shown in brackets [+232]. Complete water-well database maintained and available through Texas Water Development Board.

MN GN 1°19′ 23 MILS 7° 124 MILS
UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-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 EDWARD W. COLLINS

2007

TEXAS
QUADRANGLE LOCATION

Part of geology modified from Proctor and others (1974).

Proctor, C. V., Jr., Brown, T. E., McGowen, J. H., Waechter, N. B., and Barnes, V. E., 1974, Austin sheet: The University of Texas at Austin, Bureau of Economic Geology, Geologic Atlas of Texas, scale 1:250,000; revised 1981, reprinted 1998.

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

BRYAN WEST, TEX.
N3037.5–W9622.5/7.5

1962
PHOTOREVISED 1980
DMA 6745 III NW–SERIES V882

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

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