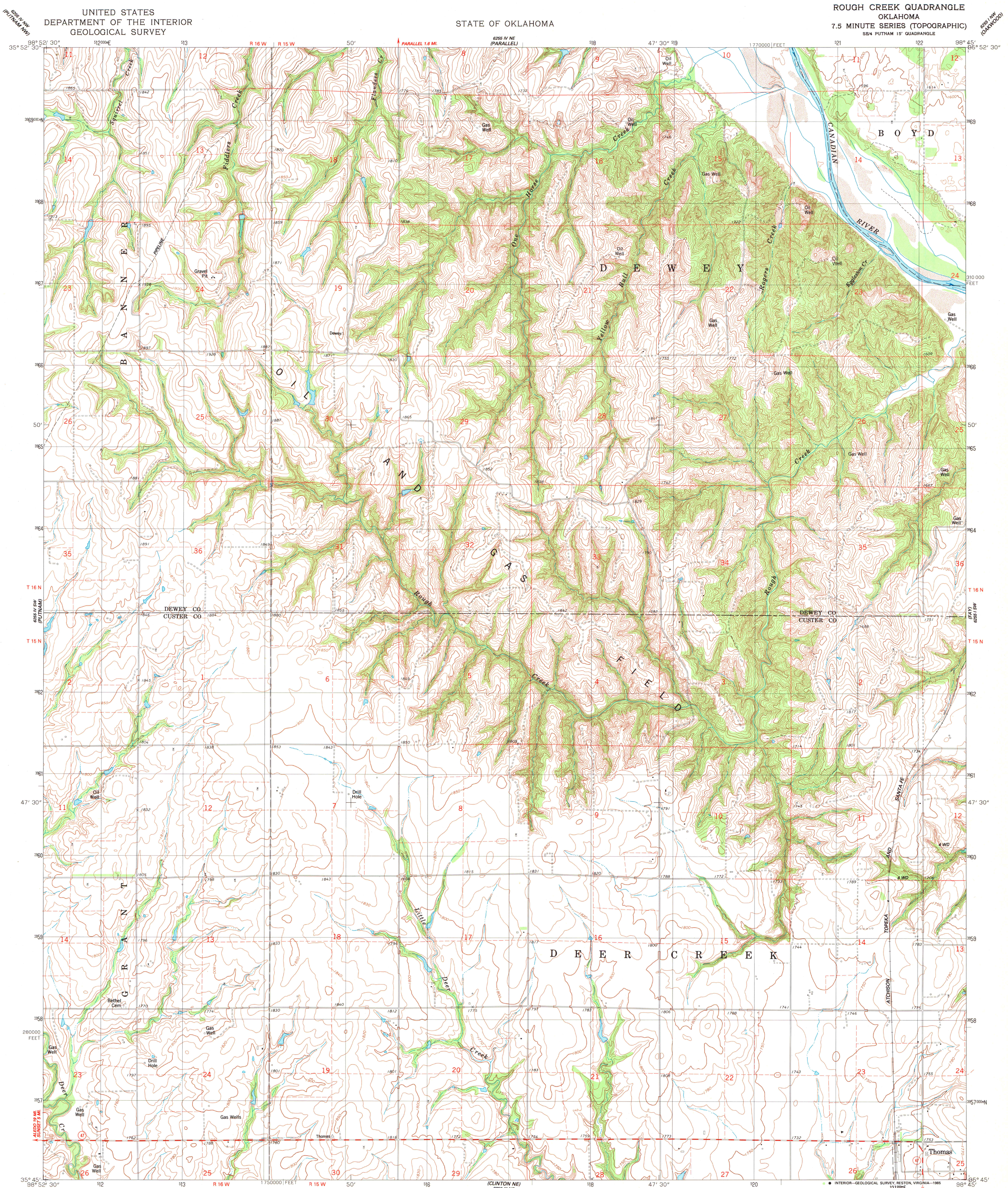


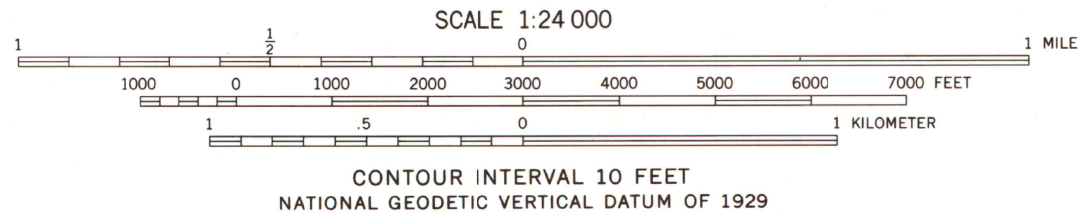
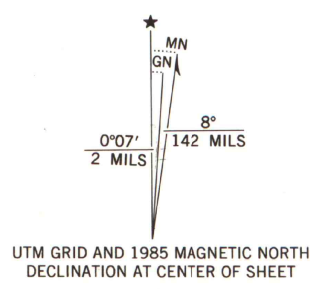


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF OKLAHOMA

ROUGH CREEK QUADRANGLE
OKLAHOMA
7.5 MINUTE SERIES (TOPOGRAPHIC)
824 PUTNAM 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey in cooperation with the Oklahoma Highway Department, Oklahoma Water Resources Board, and Oklahoma State Soil Conservation Board
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1953. Revised from aerial photographs taken 1961-82
Field checked 1984. Map edited 1985
Projection and 10,000-foot grid ticks: Oklahoma coordinate system, north zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 14
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 2 meters south and 32 meters east as shown by dashed corner ticks
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked



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



ROUGH CREEK, OKLA.
824 PUTNAM 15' QUADRANGLE
35098-67-TF-024

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