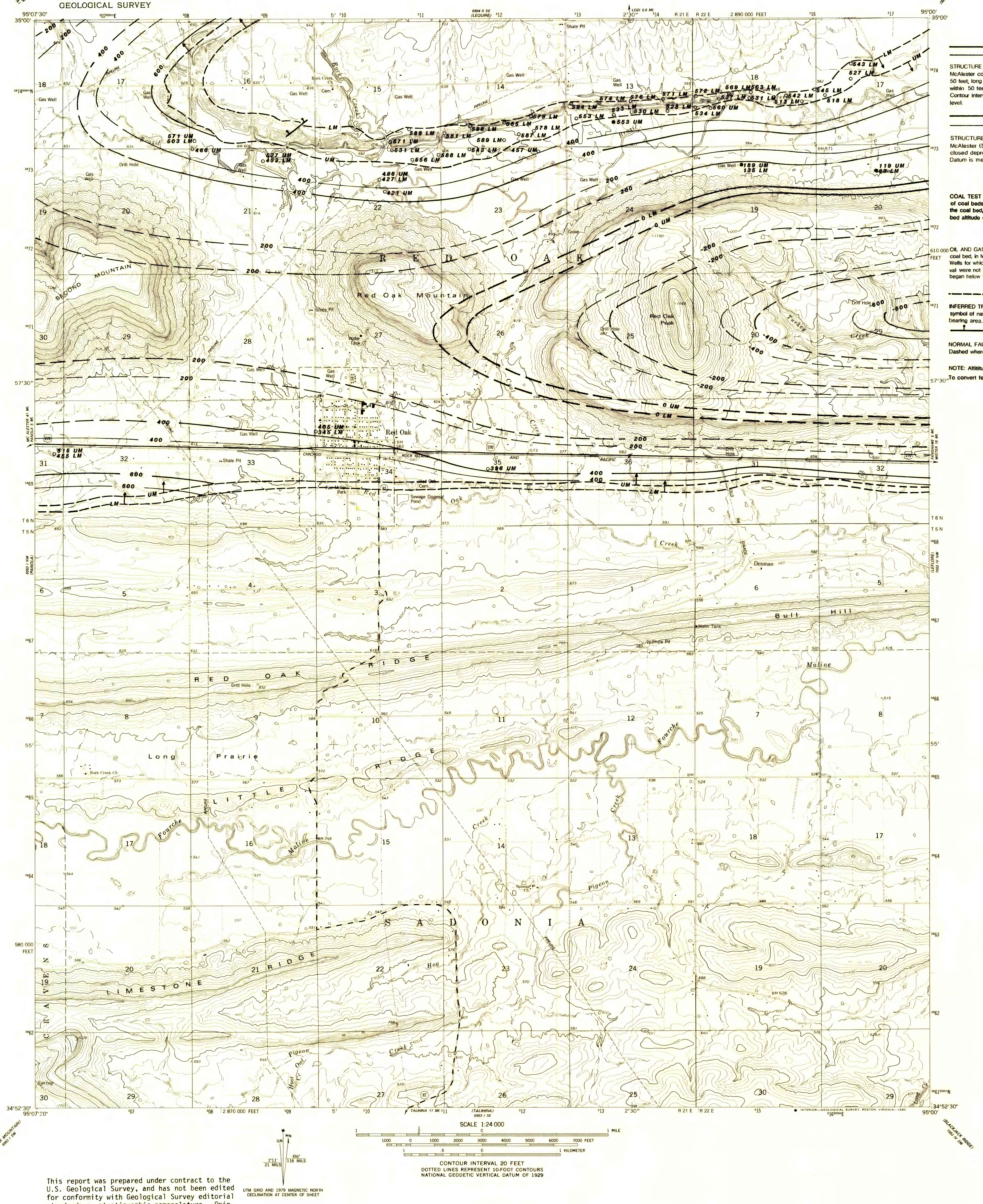
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



EXPLANATION

0UM
-200

STRUCTURE CONTOURS-Drawn on top of the Upper McAlester coal bed. Solid where vertical accuracy within 50 feet; long dashed where vertical accuracy possibly not within 50 feet. Hachures indicate closed contours of basin. Contour interval is 200 feet(61.0m). Datum is mean sea level.

0LM
-200

STRUCTURE CONTOURS-Drawn on top of the Lower McAlester (Stigler) coal bed. Hachures indicate a closed depression. Contour interval 200 feet(61.0m.). Datum is mean sea level.

o515 UM
455 LM

COAL TEST MEASUREMENT-Showing altitude of top of coal beds, in feet. Drill holes which did not intersect the coal bed, or mine measured sections from which bed altitude could not be determined, are not shown.

●119 UM
69 LM

OIL AND GAS TEST HOLE-Showing altitude of top of coal bed, in feet, and the symbol of name of coal bed. Wells for which logs of the first 3,000 foot(914.4m.) interval were not available or wells whose logged interval began below the coal beds are not shown.

LM

INFERRED TRACE OF COAL BED OUTCROP-Showing symbol of name of coal bed. Arrow points toward coal-bearing area.

NORMAL FAULT- Bar and ball on downthrown side. Dashed where approximately located.

NOTE: Altititudes rounded to the nearest foot. To convert feet to meters, multiply feet by 0.3048.

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

GN MN
1°11' 21 MILS
6½° 116 MILS

UTM GRID AND 1979 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

This report was prepared under contract to the U.S. Geological Survey, and has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature. Opinions expressed herein do not necessarily represent those of the Geological Survey.

FEDERAL COAL RESOURCE OCCURRENCE MAP OF THE NORTHEAST QUARTER OF THE RED OAK 15-MINUTE QUADRANGLE, LATIMER COUNTY, OKLAHOMA

BY GEOLOGICAL SERVICES OF TULSA, INC., AND B. T. BRADY, USGS

COMPILED IN 1980

This map intended for land use planning purposes only.

PLATE 6

STRUCTURE CONTOUR MAP OF THE UPPER AND LOWER McALESTER COAL BEDS