EXPLANATION

-1000 UM
-800

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.

-1000 LM
-800

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

o440 UM
380 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.

●-238 UM
-298 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.

UM

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

NOTE: Altitudes rounded to the nearest foot.

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1940

This map intended for land-use planning purposes only.

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.

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

OKLAHOMA

QUADRANGLE LOCATION

Compiled 1980/1981

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1980

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

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

PLATE 6

STRUCTURE CONTOUR MAP OF THE UPPER AND LOWER McALESTER COAL BEDS