

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



**EXPLANATION**

**2**  
ISOPACHS—Showing thickness of coal, in feet. Dashed where inferred. Isopach interval 1 foot (0.305m.).

**0 2.3**  
COAL TEST MEASUREMENT—Showing measured thickness of coal, in feet, in areas where the structure map exhibited dip less than 25°. Drill holes which do not intersect the coal or from which a coal thickness could not be determined are not shown.

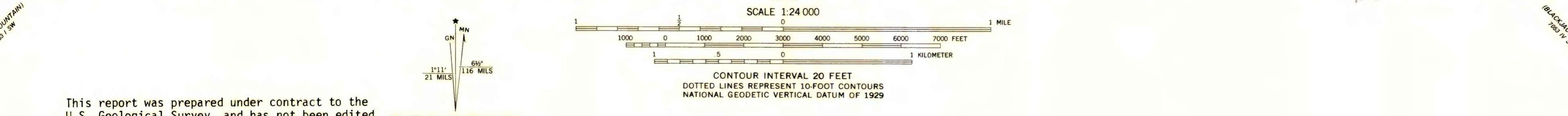
**0 2(est.)**  
OIL AND GAS TEST HOLE—Showing thickness of coal estimated from well logs, in feet.

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

**MINE WORKINGS AND STRIPED AREAS**—Showing mined-out areas. Boundaries are approximately located.

**NOTE:** Thickness reported to tenths of feet only when resolution of data permitted.

To convert feet to meters, multiply feet by 0.3048.



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**

PLATE 4

COMPILED IN 1980

This map intended for land use planning purposes only.

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

ISOPACH MAP OF THE  
UPPER MCALESTER COAL BED