

**EXPLANATION**

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. Hatchures indicate closed contours of basin. Contour interval is 200 feet (61.0m). Datum is mean sea level.

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

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.

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 feet (914.4m.) interval were not available or wells whose logged interval began below the coal beds are not shown.

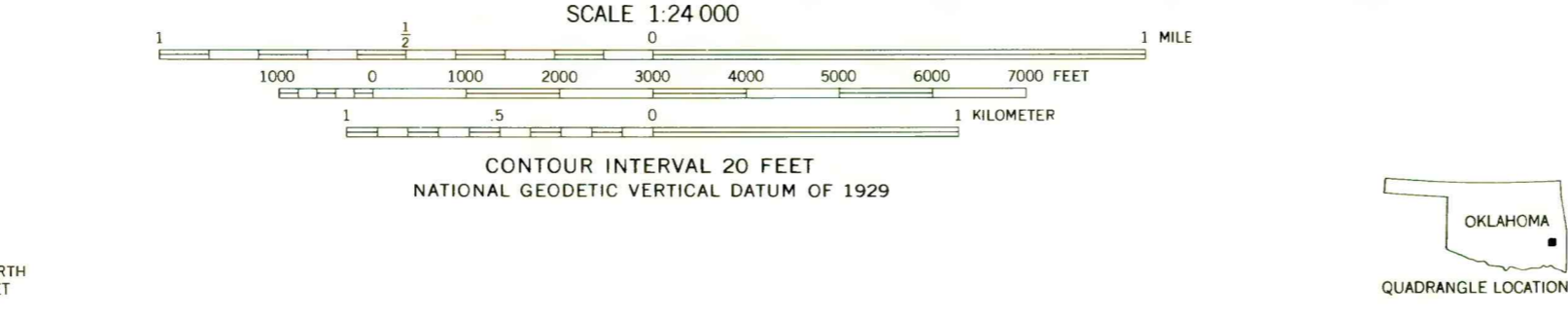
INFERRED TRACE OF COAL BED OUTCROP—Showing symbol of name of coal bed. Arrow points toward coal-bearing area.

**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.

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UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



**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