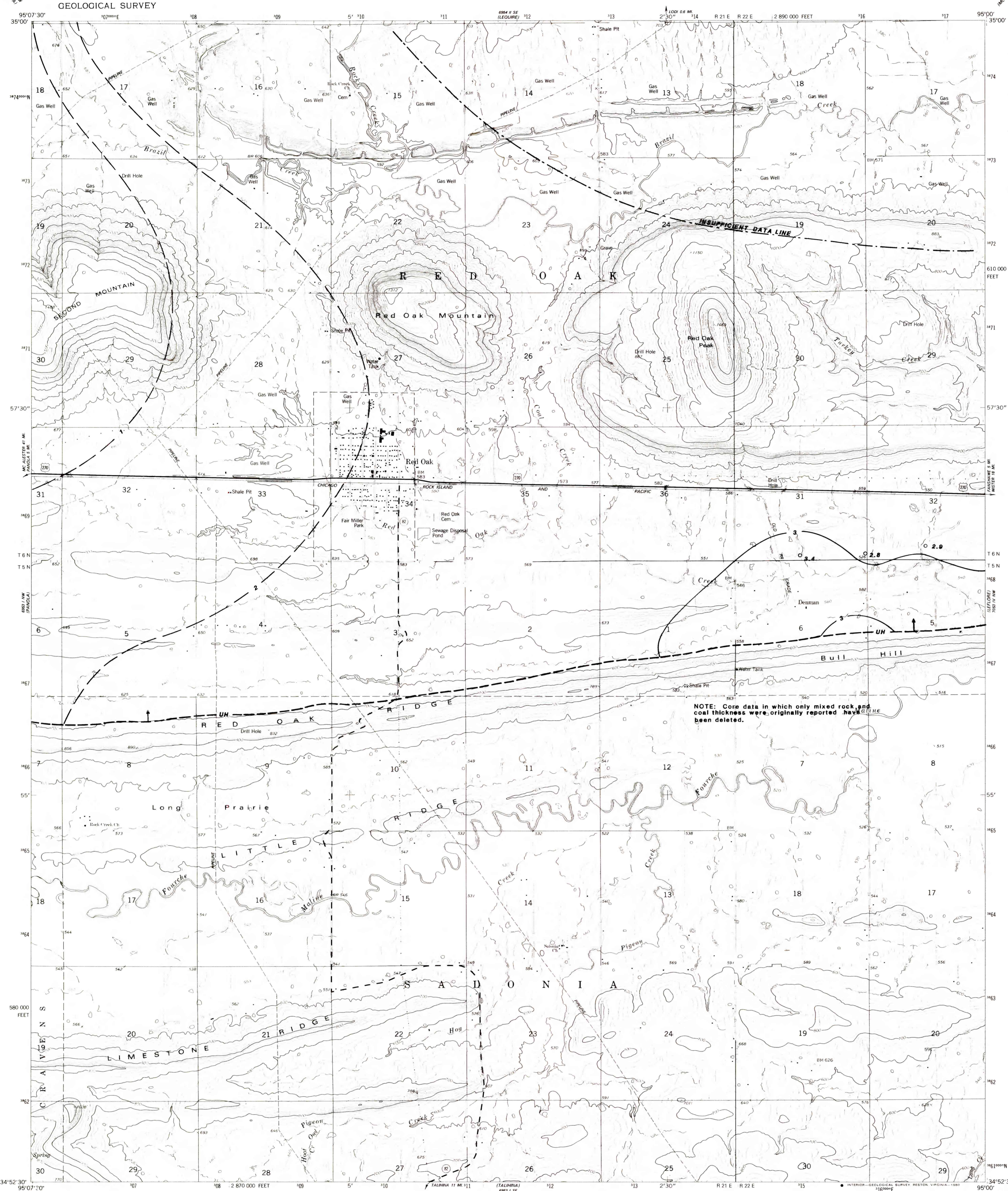


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



EXPLANATION

2
ISOPACHS—Showing thickness of coal, in feet. Dashed where interval 1 foot (0.305m).
0 3.4

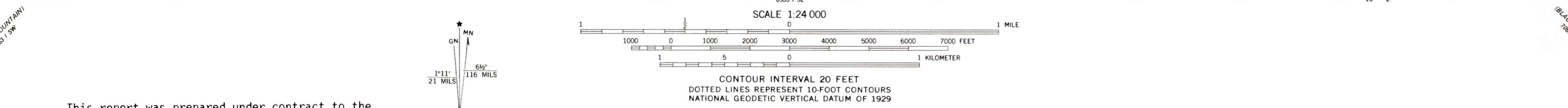
COAL TEST MEASUREMENT—Showing measured thickness of coal, in feet. In areas where the structure map exhibited dip less than 25°. Drill holes which do not intersect the coal or from which a coal thickness could not be determined are not shown.

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

— — — — —
INSUFFICIENT DATA LINE—Coal thickness was not determined beyond line shown because of insufficient data.

NOTE: Thickness reported to tenths of feet only when resolution of data permitted.
To convert feet to meters, multiply feet by 0.3048.

NOTE: Core data in which only mixed rock and coal thickness were originally reported have been deleted.



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

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

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

COMPILED IN 1980

This map intended for land use planning purposes only.

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

PLATE 11

ISOPACH MAP OF THE UPPER
HARTSHORNE COAL BED