EXPLANATION

5H

4H

ISOPACHS-Showing thickness of Hartshorne coal, in feet. Dashed where inferred. Isopach interval 1 foot. Hachures indicate an area of local thinning of coal bed.

4UH

ISOPACHS OF THE UPPER HARTSHORNE SPLIT OF THE HARTSHORNE COAL BED-Showing thickness in feet. Isopach interval 1 foot.

5LH

4LH

ISOPACHS OF THE LOWER HARTSHORNE SPLIT OF THE HARTSHORNE COAL BED-Showing thickness in feet. Isopach interval 1 foot.

3.9UH
6.9LH

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

2 UH (est.)
3 UH (est.)

OIL AND GAS TEST HOLE-Showing thickness of coal estimated from well logs, in feet, and the symbol of name of coal bed.

MINE WORKINGS AND STRIPPED AREAS-Showing mined-out-areas. Boundaries are approximately located.

UH

TRACE OF COAL BED OUTCROP-Showing symbol of name of coal bed. Arrow points toward coal-bearing area. Dashed where inferred by present authors.

SPLIT LINE-Line along which the Hartshorne coal bed splits into the Upper and Lower Hartshorne coal beds. This line corresponds to the 1 foot interburden isopach.

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.

COMPILED IN 1980
This map intended for land-use planning purposes only

FEDERAL COAL RESOURCE OCCURRENCE MAP OF THE SPIRO 7.5-MINUTE QUADRANGLE, LEFLORE COUNTY, OKLAHOMA

BY GEOLOGICAL SERVICES OF TULSA, INC., B. T. BRADY, USGS, AND J. L. QUERRY, BLM

PLATE 4
ISOPACH MAP OF THE HARTSHORNE COAL BED AND UPPER AND LOWER SPLITS