



EXPLANATION

4H
5H

ISOPACH—Showing thickness of Hartshorne coal in feet. Dashed where inferred. Isopach interval 1 foot (0.305m). Hachures indicate an area of local thinning of coal bed.

3UH

ISOPACHS OF THE UPPER HARTSHORNE SPLIT OF THE HARTSHORNE COAL BED—Showing thickness in feet. Isopach interval 1 foot (0.305m).

3LH

ISOPACH OF THE LOWER HARTSHORNE SPLIT OF THE HARTSHORNE COAL BED—Showing thickness in feet. Isopach interval 1 foot (0.305m).

0.2UH
3.6LH

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.

0.3UH(est.)
4LH(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.

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

NORMAL FAULT—Bar and ball on downthrown side. Dashed where approximately located.

THRUST FAULT—Sawtooth on upthrown or overthrust side. Dashed where approximately located.

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 (0.305m) interburden isopach.

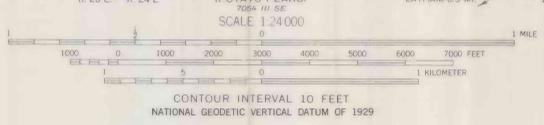
NOTE: Thickness reported to tenths of feet only when resolution of data permitted.

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

UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



FEDERAL COAL RESOURCE OCCURRENCE MAP OF THE BOKOSHE 7.5-MINUTE QUADRANGLE, HASKELL AND LEFLORE COUNTIES, OKLAHOMA
BY GEOLOGICAL SERVICES OF TULSA, INC., B. T. BRADY, USGS, AND J. L. QUERRY, BLM