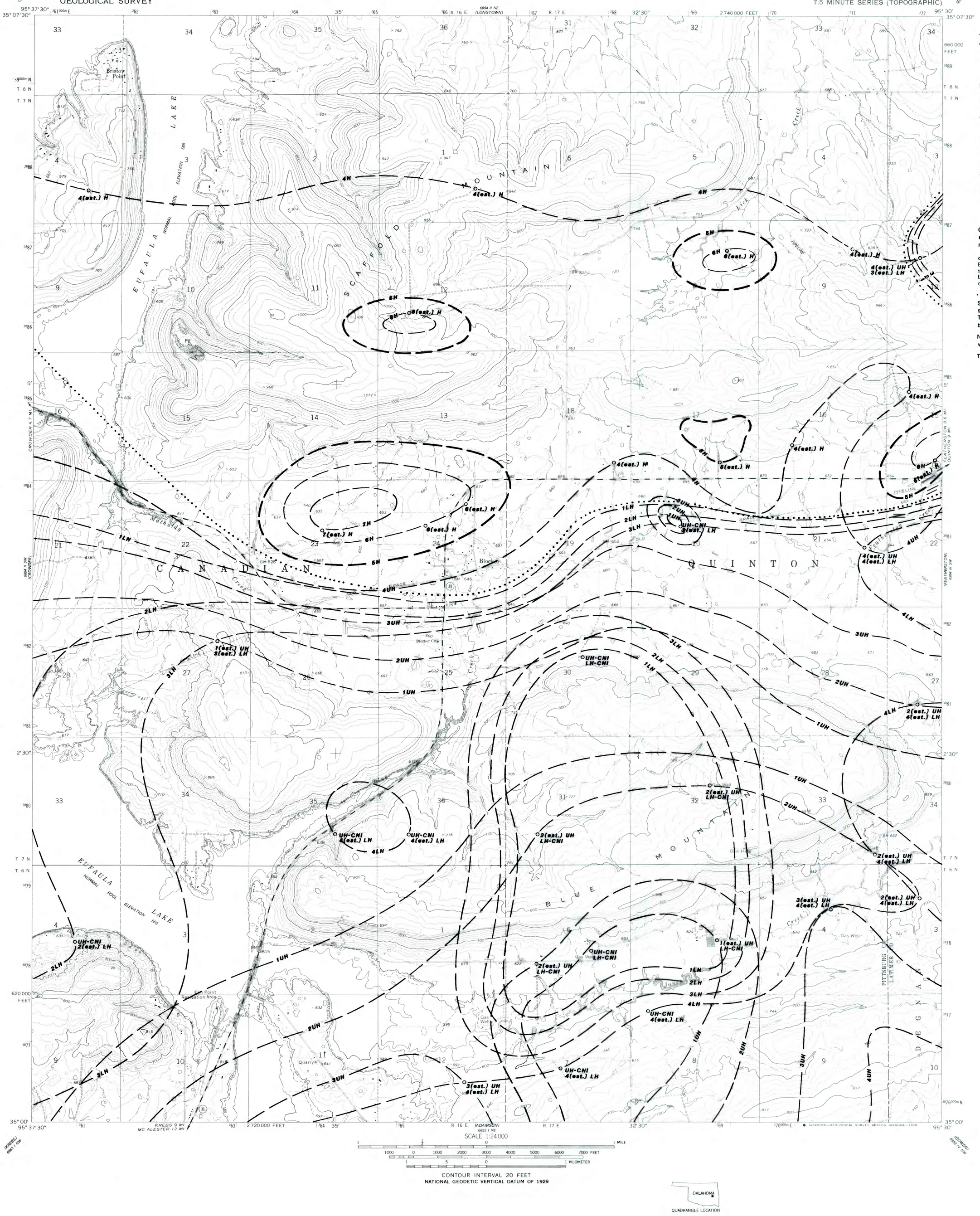
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BLOCKER QUADRANGLE
OKLAHOMA
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE LOCATION

EXPLANATION

4UH
5UH

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.

4UH
5UH

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

4LH
5LH

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

● UH-CNI
4(est.) LH

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

This area characterized by erratic coal development and lenticular channel sands. Electric log correlations are not reliable for thin shaley coals. CNI (Coal Not Indicated)-based upon interpretation of formation density or sonic logs.

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.

FEDERAL COAL RESOURCE OCCURRENCE MAP OF THE BLOCKER 7.5-MINUTE QUADRANGLE, PITTSBURG AND LATIMER COUNTIES, OKLAHOMA

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

PLATE 18
ISOPACH MAP OF THE HARTSHORNE COAL BED AND UPPER AND LOWER SPLITS

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