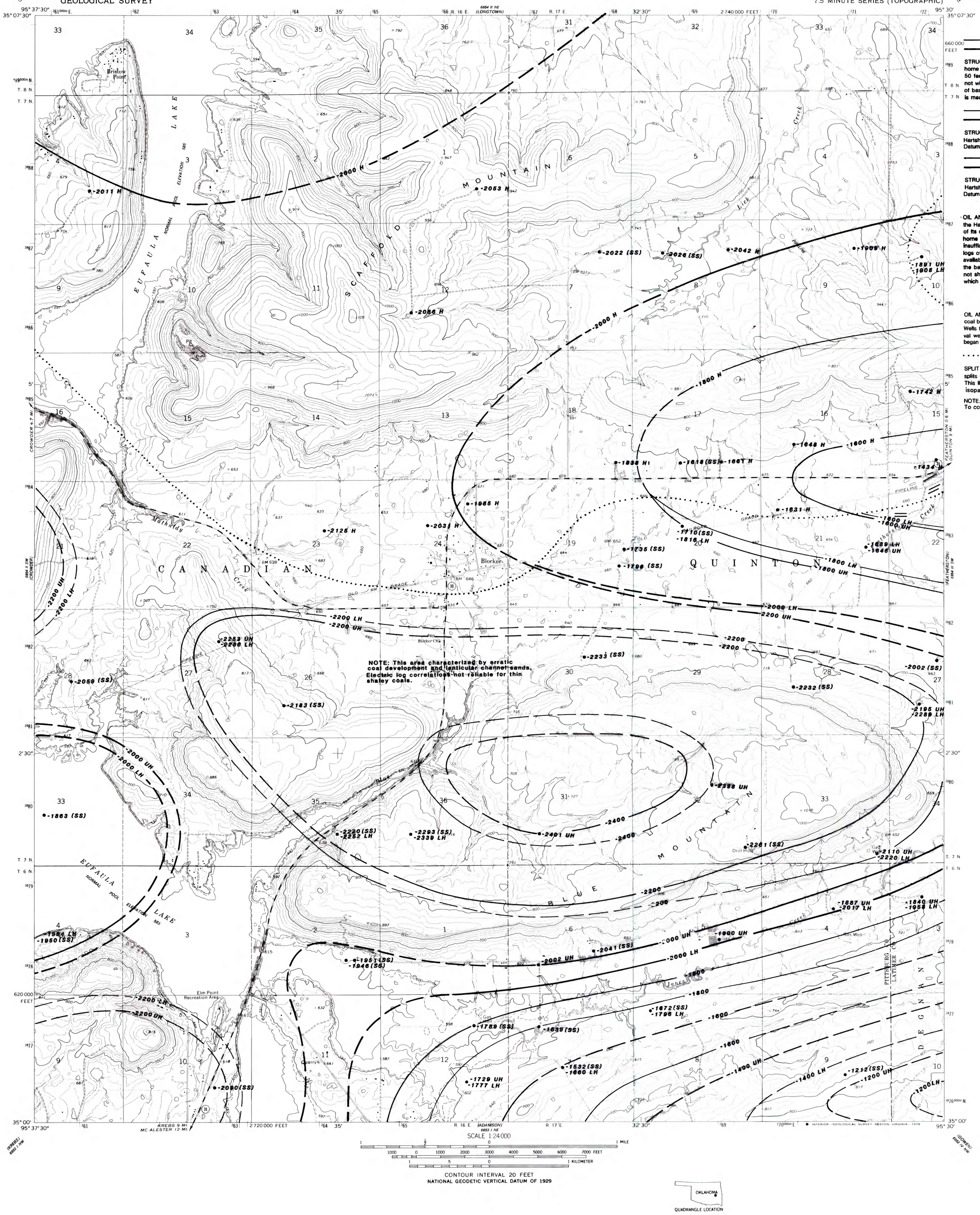
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BLOCKER QUADRANGLE
OKLAHOMA
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24 000

1 MILE — 7000 FEET

1 KILOMETER

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

OKLAHOMA
QUADRANGLE LOCATION

EXPLANATION

660 000 FEET

-800
-1000 H

STRUCTURE CONTOURS-Drawn on top of the Hartshorne coal bed. Solid where vertical accuracy within 50 feet; long dashed where vertical accuracy possibly not within 50 feet; Hachures indicate closed contours of basin. Contour interval is 200 feet (61.0m.). Datum is mean sea level.

-800
-1000 UH

STRUCTURE CONTOURS- Drawn on top of the Upper Hartshorne coal bed. Contour interval 200 feet (61.0m.). Datum is mean sea level.

-800
-1000 LH

STRUCTURE CONTOURS-Drawn on top of the Lower Hartshorne coal bed. Contour Interval 200 feet (6.1m.). Datum is mean sea level.

-956 (SS)

OIL AND GAS TEST HOLE-Showing altitude of top of the Hartshorne Sandstone Formation selected because of its close proximity to the Upper Hartshorne - Hartshorne coal zone in wells where the suite of logs was insufficient to verify coal occurrence. Wells for which logs of the first 3,000 foot (914.4m.) interval were not available or wells whose logged interval began below the base of the Hartshorne Sandstone Formation are not shown. Appendix II structural top information which could not be verified is similarly not shown.

-1887 UH
-2017 LH

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

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 rounded to nearest foot.
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 19
STRUCTURE CONTOUR MAP OF THE HARTSHORNE COAL BED AND UPPER AND LOWER SPLITS

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