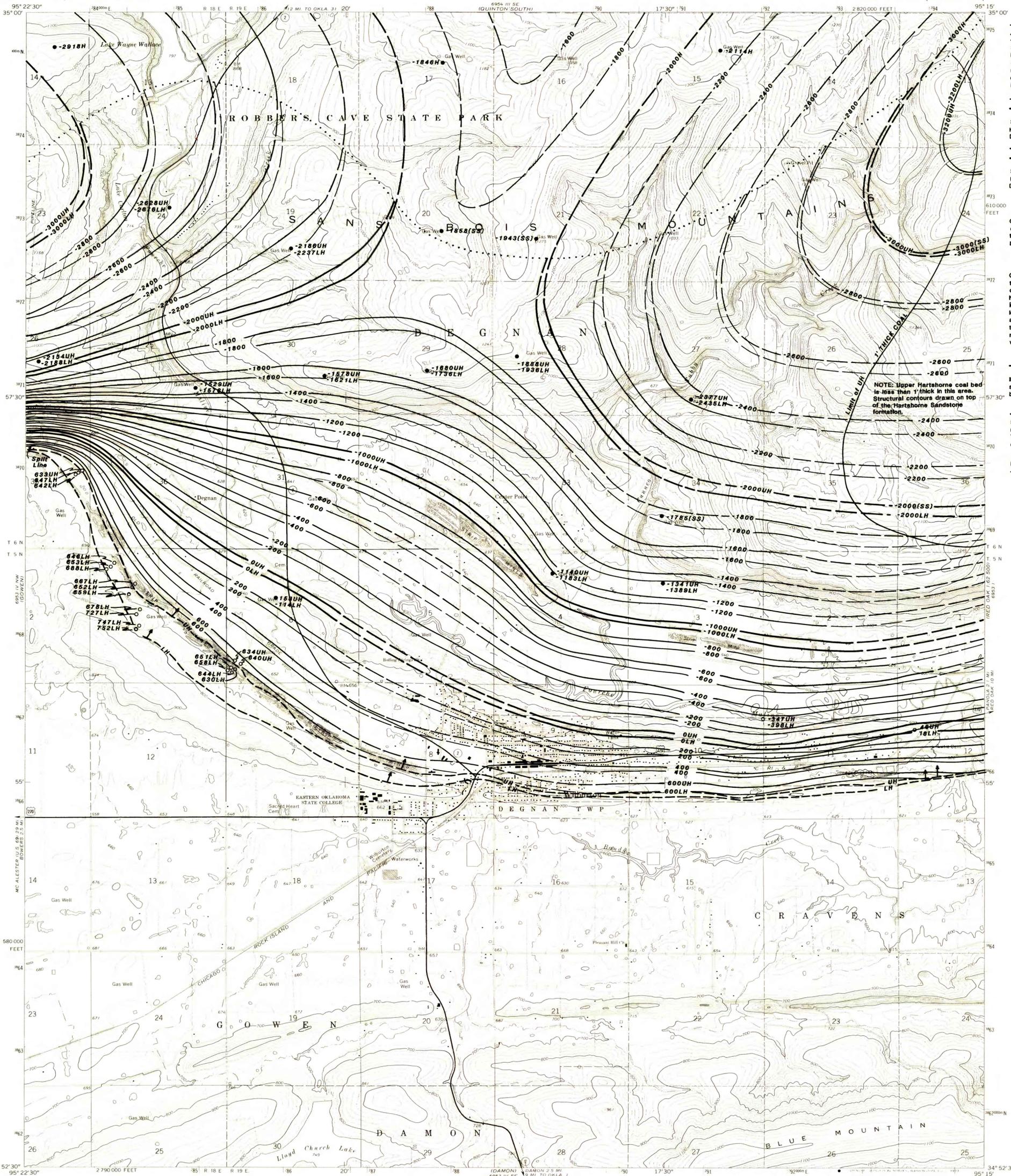


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WILBURTON QUADRANGLE
OKLAHOMA-LATIMER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION

— 1800 —
— 2000SS —
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.

— 1800 —
— 2000UH —
STRUCTURE CONTOURS—Drawn on top of the Upper Hartshorne coal bed. Contour interval 200 feet (61.0m.). Datum is mean sea level.

— 1800 —
— 2000LH —
STRUCTURE CONTOURS—Drawn on top of the Lower Hartshorne coal bed. Contour interval 200 feet (61.0m.). Datum is mean sea level.

○ 46UH
○ 18LH

COAL TEST MEASUREMENT—Showing altitude of top of coal beds, in feet. Drill holes which did not intersect the coal bed, or mine measured sections from which bed altitude could not be determined, are not shown.

● 1785(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.

— LH —

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

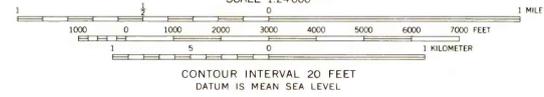
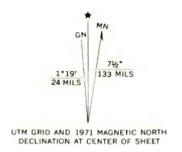
.....

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 lopsach.

NOTE: Altitudes rounded to the nearest foot.
To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1971.
This map intended for land-use planning purposes only.

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.



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242
AND BY THE OKLAHOMA GEOLOGICAL SURVEY, NORMAN, OKLAHOMA 73069
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



Compiled in 1980/1981

WILBURTON, OKLA.
N3452.5—W9515/7.5

1971

AMS 6953 IV NE, SERIES V883

**FEDERAL COAL RESOURCE OCCURRENCE MAP OF WILBURTON
7.5 MINUTE QUADRANGLE, LATIMER COUNTY, OKLAHOMA**
BY GEOLOGICAL SERVICES OF TULSA, INC., AND B. T. BRADY, USGS