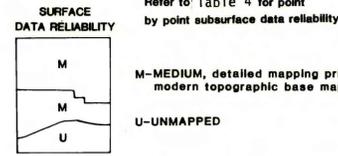
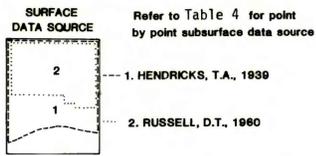
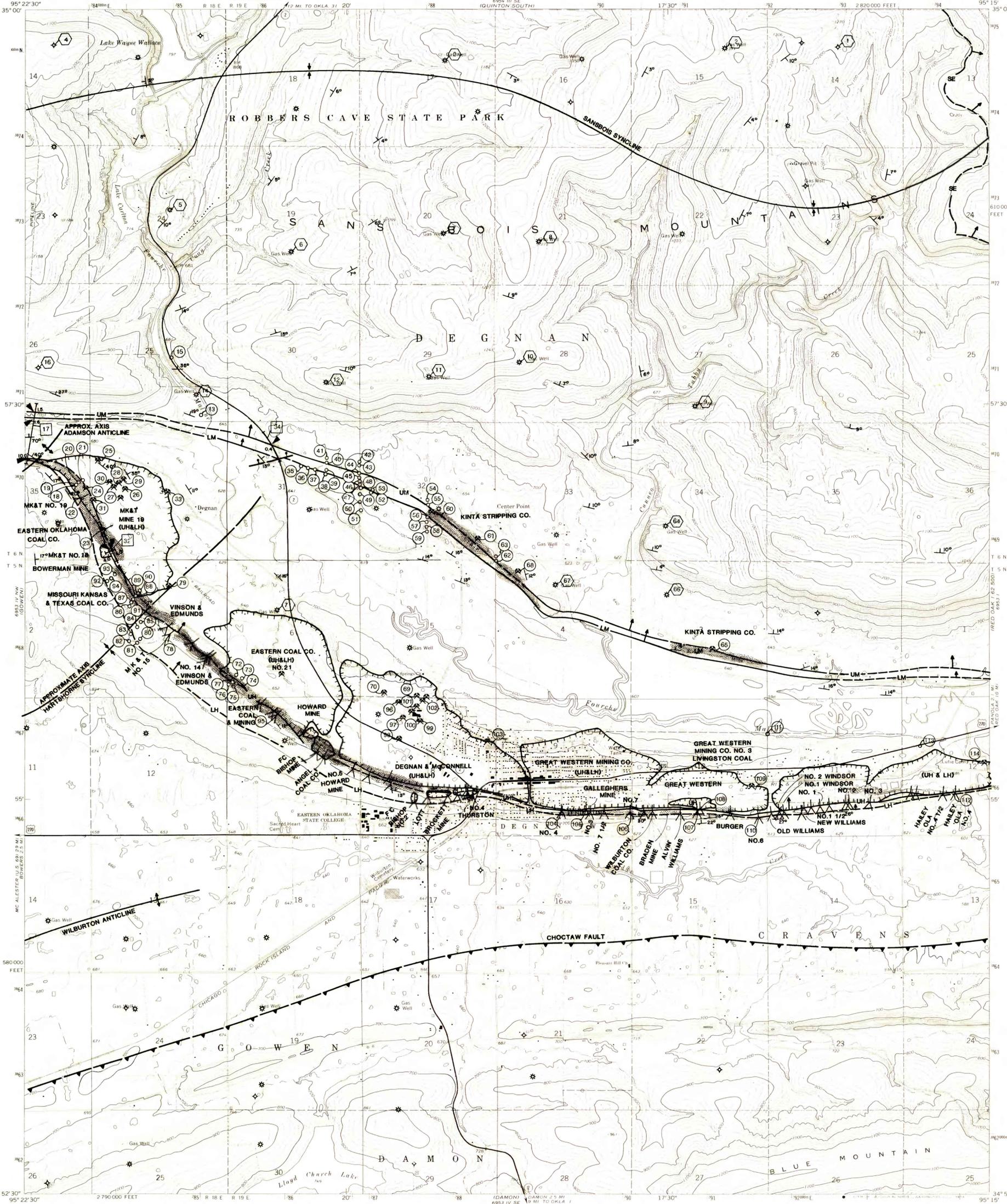


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



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



- EXPLANATION**
- Location or drilling well
  - Dry Hole
  - Gas Well
  - Oil Well
  - Oil & Gas Well
  - Abandoned Oil Well
  - Abandoned Gas Well
- WELL SYMBOLS**
- GL 548.1
  - R 280
  - R 58
  - CE 3(LM)
  - R 1128
  - \*--(SS)
  - R 14
  - TD 10528

**WELL LOGS** - Showing well data in feet. Letters designate either the coal bed name as listed below, or the top of the Hartshorne sandstone formation reference datum. \* Indicates the site of logs was insufficient to verify coal occurrence. Index number refers to hole on Plate 3 of CRO map. Index number not assigned to wells for which logs of the first 3000 foot (914.4m) interval were not available or logged interval began below the base of the Hartshorne sandstone. Refer to Appendix I for additional information concerning wells not indexed.

**COAL TEST HOLE** - Showing drill-hole data in feet. Letters designate name of coal bed as listed below. Index number refers to hole on plate 3 of CRO map.

**COMPOSITE MINE SECTION** - Abandoned mine, showing rock interval and thickness of coal, in feet. Letters and numbers designate name of coal bed as listed below. Index number refers to section on Plate 3 of CRO map.

**LINE OF MEASURED SECTION** - Showing coal and rock thickness, in feet. Letters and numbers designate name of coal bed as listed below. Index number refers to section on Plate 3 of CRO map.

- Tabulation of Rock-Coal Intervals** shown on Plate 1, Sheet 2
- GL - Ground level elevation
  - R - Rock interval
  - C - Coal interval (measured)
  - CE - Gross Coal interval (estimated from well logs)
  - M - Mixed Coal & Rock
  - B - Bone Coal
  - NR - No record of lithology
  - NRE - No record of lithology, thickness estimated
  - TD - Total depth

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

**DRILL HOLE, MEASURED SECTION, AND COMPOSITE MEASURED SECTION DATA SYMBOLS**

- L - Local (unnamed) coal bed
- SE - Secor Coal
- LM - Lower McAlester Coal
- UM - Upper McAlester (Sligler) Coal
- UH - Upper Hartshorne Coal
- LH - Lower Hartshorne Coal
- H - Hartshorne Coal

**TRACE OF COAL BED OUTCROP** - Showing thickness of coal in feet measured at triangle. Letters designate name of coal bed as listed above. Arrow points toward the coal bearing area. Index number refers to section on Plate 3 of CRO map. Dashed line indicates inferred outcrop. Contacts have been adjusted to reflect topography.

**ANTICLINE**  
**SYNCLINE**

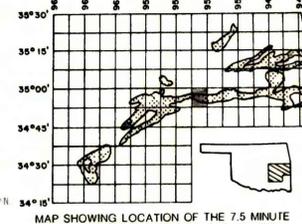
**FAULT** - Dashed where approximately located. Thrust faults have sawtooth on upthrown or overthrust side. Normal faults have bar and ball on downthrown side. Strike-slip faults have arrows showing relative horizontal movement.

**COAL MINE SYMBOLS**

- Coal mine active
- Coal mine, inactive or abandoned
- Slope entry, inactive or abandoned
- Prospect pit
- Subsurface coal mine showing name of mine and beds removed. Hachures point to mined-out areas. Letters designate names of coal beds as listed above. Boundary is approximately located.
- Surface coal mine showing name of beds removed. Letters designate names of coal beds as listed above. Boundary is approximately located.

To convert feet to meters, multiply feet by 0.3048.

**NOTE:** The explanation has been compiled to depict all possible combinations of data and does not intentionally represent any particular data points.

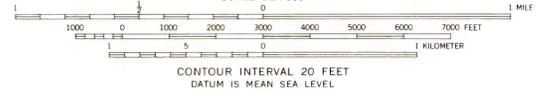
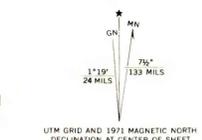


**MAP SHOWING LOCATION OF THE 7.5 MINUTE QUADRANGLE (DENSELY STIPPLED) AND THE FEDERAL COAL LANDS (LIGHTLY STIPPLED) IN SOUTHEASTERN OKLAHOMA**

This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.

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.



CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D.C. 20542  
AND BY THE OKLAHOMA GEOLOGICAL SURVEY, NORMAN, OKLAHOMA 73069  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



WILBURTON, OKLA.  
N3452.5-W9515.7 5

1971

AMS 6953 IV NE. SERIES V885

# 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