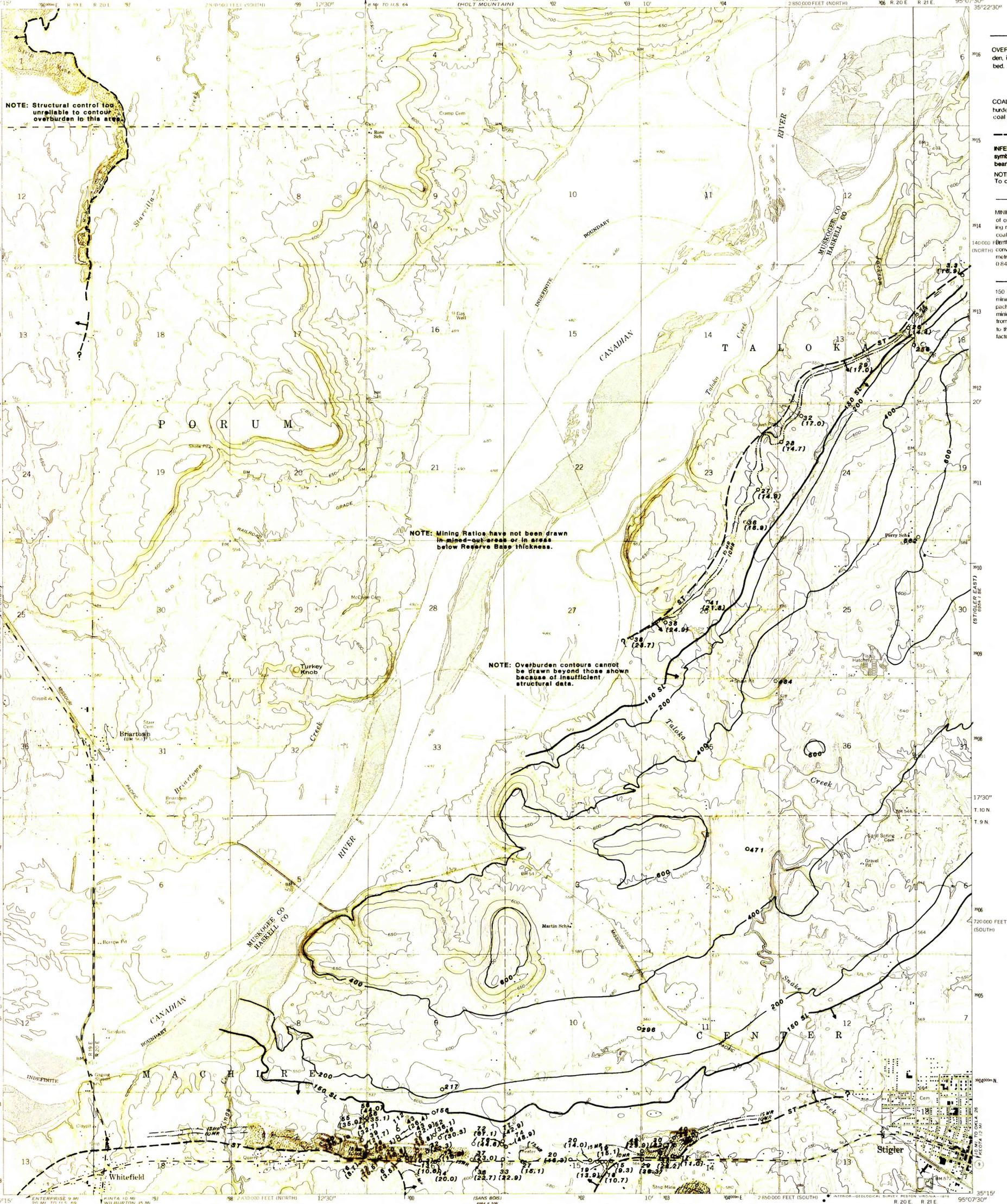




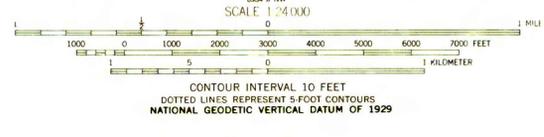
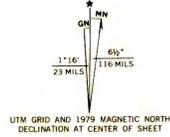
689 1 1/2  
6710 1/2 1/2

EXPLANATION

- 800**  
OVERBURDEN ISOPACHS—Showing thickness of overburden, in feet, from the surface to top of the Stigler coal bed. Isopach interval 200 feet (61.0m).
- C 471 (14.7)**  
COAL TEST MEASUREMENT—Showing thickness of overburden in feet from the surface to the top of the Stigler coal bed. Mining ratio numbers in brackets.
- ST**  
INFERRED TRACE OF COAL BED OUTCROP—Showing symbol of name of coal bed. Arrow points toward coal-bearing area.  
NOTE: Thickness rounded to nearest foot. To convert feet to meters, multiply feet by 0.3048.
- 15MR**  
MINING RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping limit (within this quadrangle, the 150-foot overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8478.
- 150 SL**  
150 SL STRIPPING LIMIT LINE—Boundary for surface mining (in this quadrangle, the 150-foot overburden isopach). Arrow points toward the area suitable for surface mining where the recovery factor is 80 percent, and away from the area suitable for subsurface mining (down dip to the 3000-foot overburden isopach) where the recovery factor is 50 percent.



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.



- ROAD CLASSIFICATION
- Medium duty
  - Light duty
  - Unimproved dirt
  - Slate Route



STIGLER WEST, OKLA.  
N3515—W9507 5/7.5  
1962  
PHOTOREVISED 1979  
AMS 6954 1 SW—SERIES V883

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND BY OKLAHOMA GEOLOGICAL SURVEY, NORMAN, OKLAHOMA 73069  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS IS AVAILABLE ON REQUEST

COMPILED IN 1980

**FEDERAL COAL RESOURCE OCCURRENCE MAP OF THE STIGLER WEST 7.5 MINUTE QUADRANGLE,  
HASKELL AND MUSKOGEE COUNTIES, OKLAHOMA  
BY GEOLOGICAL SERVICES OF TULSA, INC., AND B. T. BRADY, USGS**