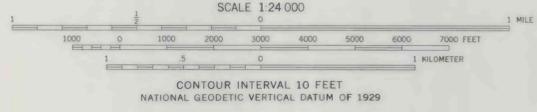


- EXPLANATION**
- ISOPACHS—Showing thickness of coal, in feet. Dashed where inferred. Isopach interval 1 foot (0.305m).
  - 1.8  
COAL TEST MEASUREMENT—Showing measured thickness of coal, in feet, in areas where the structure map exhibited dip less than 25°. Drill holes which do not intersect the coal or from which a coal thickness could not be determined are not shown.
  - 4(est.)  
OIL AND GAS TEST HOLE—Showing thickness of coal estimated from well logs, in feet.
  - ST  
INFERRED TRACE OF COAL BED OUTCROP—Showing symbol of name of coal bed. Arrow points toward coal-bearing area.
  - NORMAL FAULT—Bar and ball on downthrown side. Dashed where approximately located.
  - MINE WORKINGS AND STRIPPED AREAS—Showing mined-out areas. Boundaries are approximately located.
- NOTE: Thickness reported to tenths of feet only when resolution of data permitted.
- To convert feet to meters, multiply feet by 0.3048.

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1958. Field checked 1962  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Oklahoma coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is uncheckd



SCALE 1:24 000  
CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929



STIGLER EAST, OKLA.  
N3515—W9500/7.5

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

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