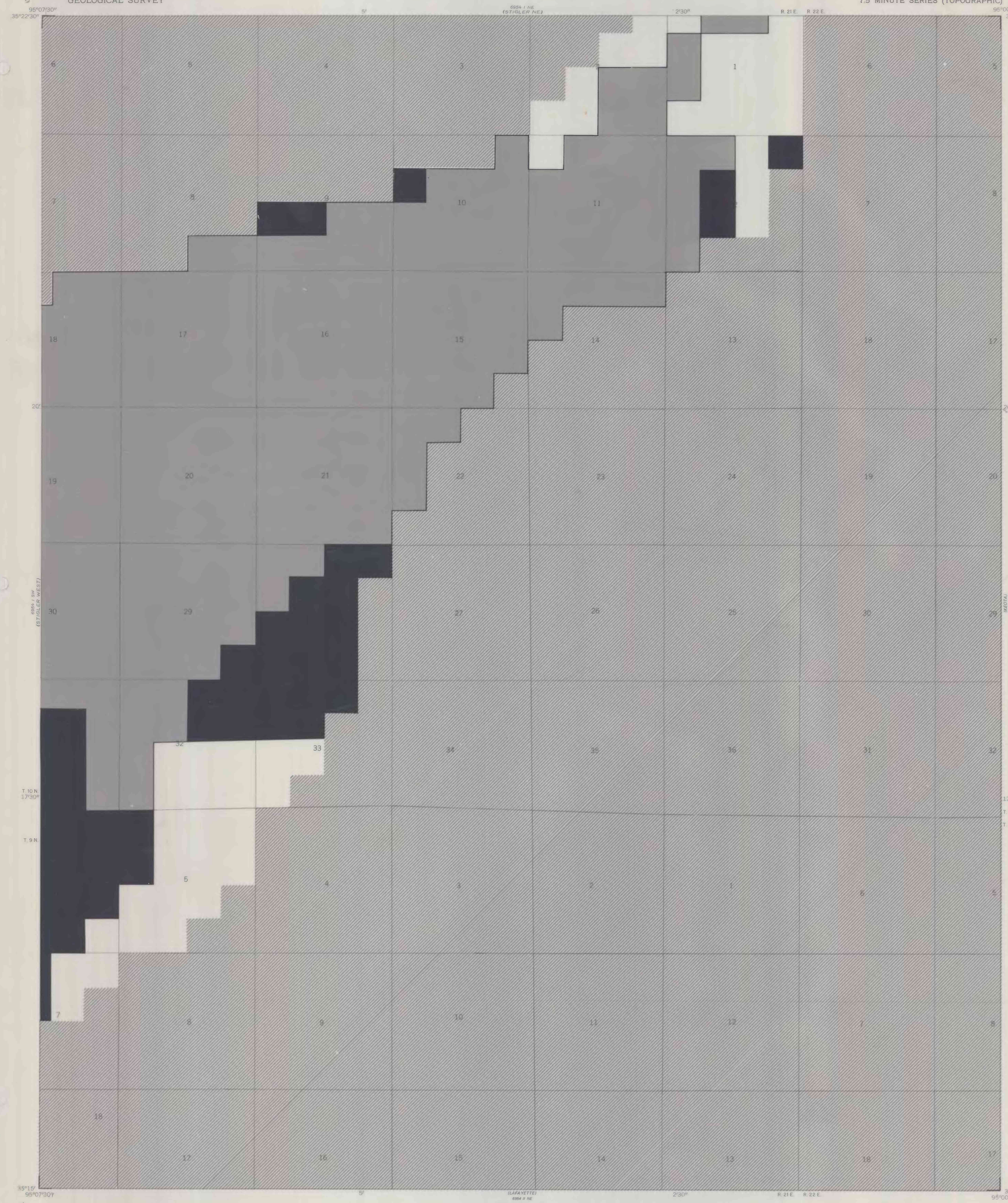
OPEN-FILE REPORT 79-307

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STIGLER EAST QUADRANGLE
OKLAHOMA
7.5 MINUTE SERIES (TOPOGRAPHIC)



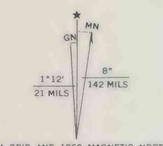
EXPLANATION

NON-FEDERAL COAL LAND--Land for which the Federal Government does not own the coal rights, and for which the coal-development potential is not rated.

AREA OF HIGH COAL-DEVELOPMENT POTENTIAL (Subsurface)--Area contains coal in beds which dip less than 15° are 1 foot (0.3048m) or more thick, and lie between the 150-foot (45.72m) overburden isopach and a depth of 1,000 feet (304.8m).

AREA OF NO COAL-DEVELOPMENT POTENTIAL--No coal in beds 1 foot (0.3048m) or more thick is known to occur in area; coal in beds 1 foot (0.3048m) or more thick is present in area at depths greater than 3,000 feet (914.4m); or coal in beds 1 foot (0.3048m) or more thick has been mined.

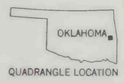
NOTE: Any lot or tract assigned coal-development potential meets the appropriate parameters outlined above and implicitly contains coal in beds with a nominal minimum areal extent of 1 acre.



UTM GRID AND 1962 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER



QUADRANGLE LOCATION

This map is intended for land-use planning purposes only.

COMPILED IN 1980

FEDERAL COAL DEVELOPMENT POTENTIAL 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

PLATE 9

COAL DEVELOPMENT POTENTIAL MAP FOR SUBSURFACE MINING METHODS