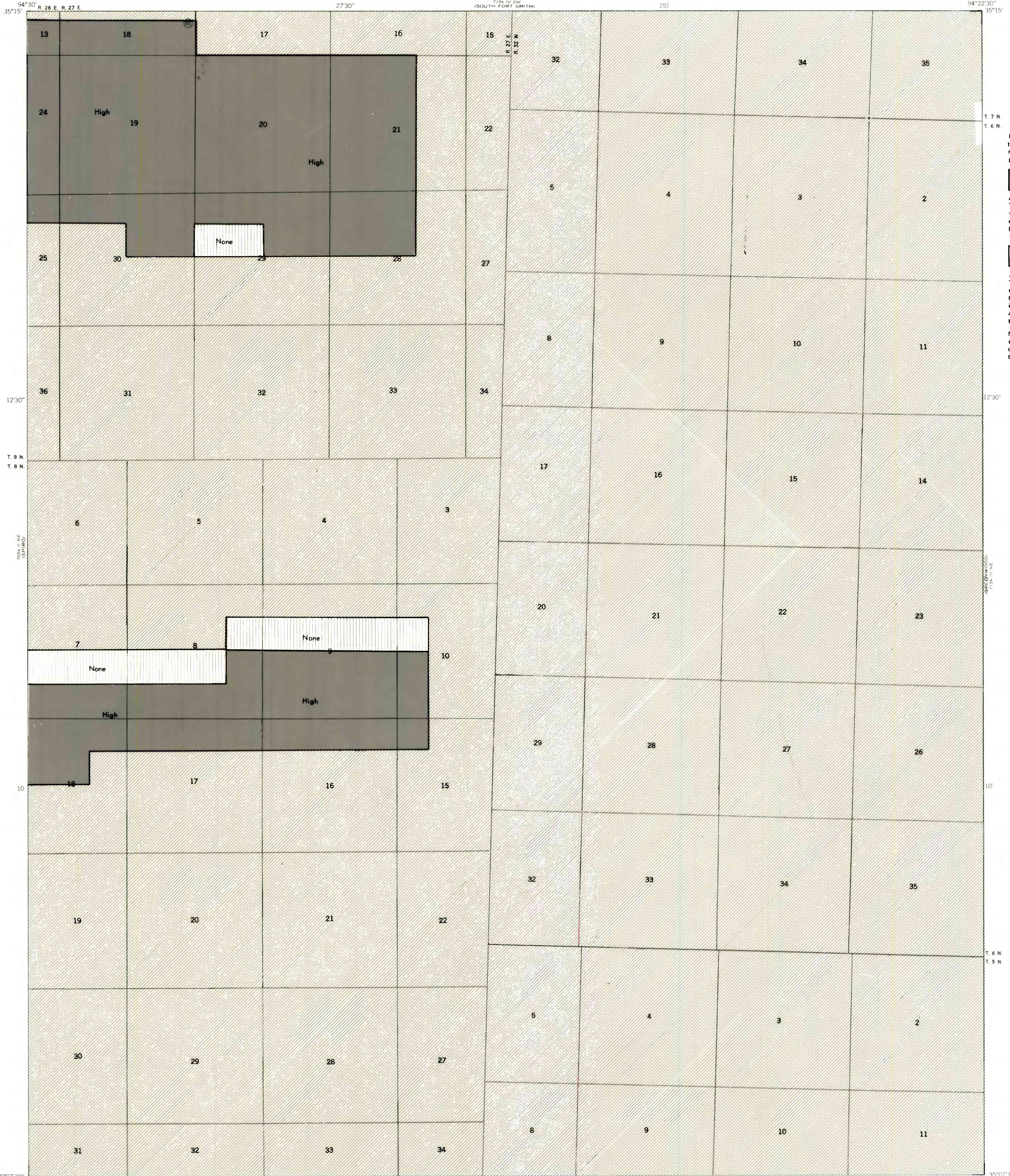


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HACKETT QUADRANGLE
ARKANSAS-OKLAHOMA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW4 GREENWOOD 15' QUADRANGLE



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.

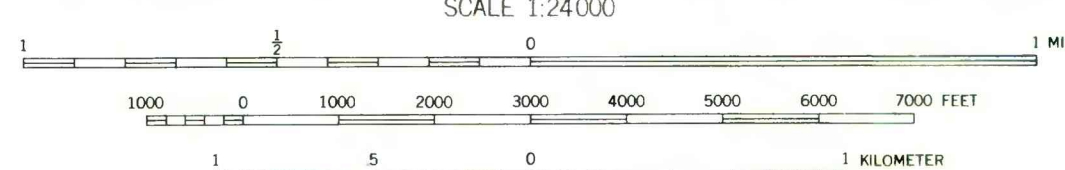
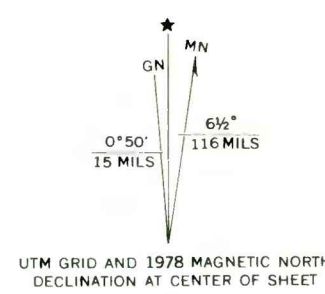
AREA OF HIGH COAL-DEVELOPMENT POTENTIAL (Subsurface)--Area contains coal in beds which dip less than 15° are 1 foot (0.3048m) or more thick, and lie between the 150-foot (45.72m) overburden isopach and a depth of 1,000 feet (304.8m).

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.

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.

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



FEDERAL COAL DEVELOPMENT POTENTIAL MAP OF THE HACKETT 7.5-MINUTE QUADRANGLE,
LEFLORE COUNTY, OKLAHOMA AND SEBASTIAN COUNTY, ARKANSAS

BY GEOLOGICAL SERVICES OF TULSA, INC., B. T. BRADY, USGS, AND J. L. QUERRY, BLM

PLATE 11
COAL DEVELOPMENT POTENTIAL
MAP FOR SUBSURFACE MINING AND
IN-SITU COAL GASIFICATION METHODS