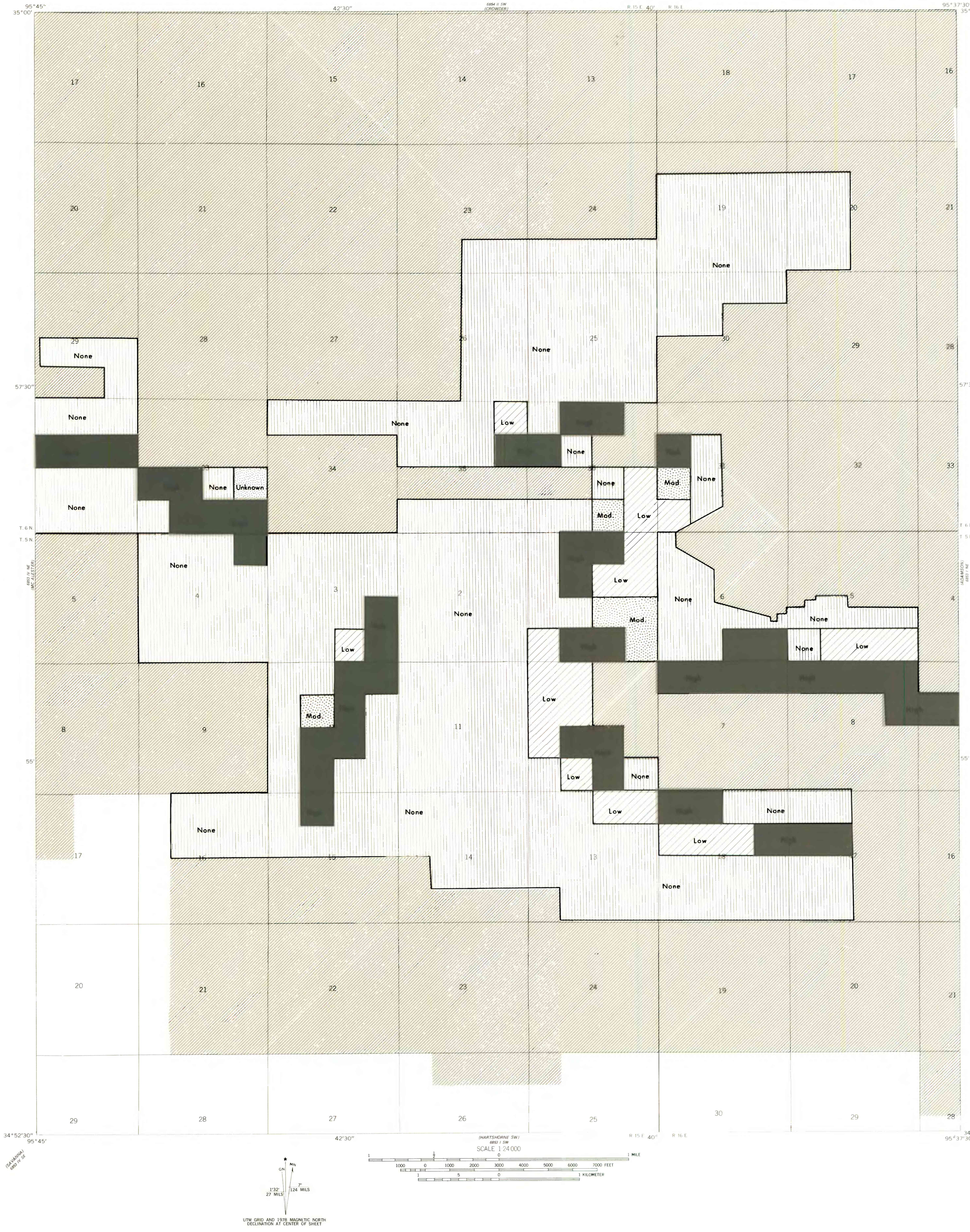

EXPLANATION

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--Area has mining-ratio values ranging from [redacted] (0.30[redacted]) or more thick which lie above the 150-foot (45.72m) overburden isopach.

AREA OF MODERATE COAL-DEVELOPMENT POTENTIAL--Area has mining-ratio values ranging from 10 to 15 and contains coal in beds 1 foot (0.3048m) or more thick which lie above the 150-foot (45.72m) overburden isopach.

AREA OF LOW COAL-DEVELOPMENT POTENTIAL--Area has mining-ratio values greater than 15 and contains coal in beds 1 foot (0.3048m) or more thick which lie above the 150-foot (45.72m) overburden isopach.

AREA OF UNKNOWN COAL-DEVELOPMENT POTENTIAL--Area contains no known coal in beds 1 foot (0.3048m) or more thick, but coal-bearing units are present at depths of less than 3,000 feet (914.4m). Areas influenced by isolated data points are similarly considered to have unknown coal-development potential.

AREA OF NO COAL-DEVELOPMENT POTENTIAL--No coal in beds 1 foot (0.3048m) or more thick is known to occur in area at depths above the 150-foot (45.72m) overburden isopach. Areas which have been mined to the stripping limit are considered to have no coal-development potential.

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.

FEDERAL COAL DEVELOPMENT POTENTIAL MAP OF THE KREBS 7.5-MINUTE QUADRANGLE, PITTSBURG COUNTY, OKLAHOMA

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

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

PLATE 14
COAL DEVELOPMENT POTENTIAL MAP FOR SURFACE MINING METHODS