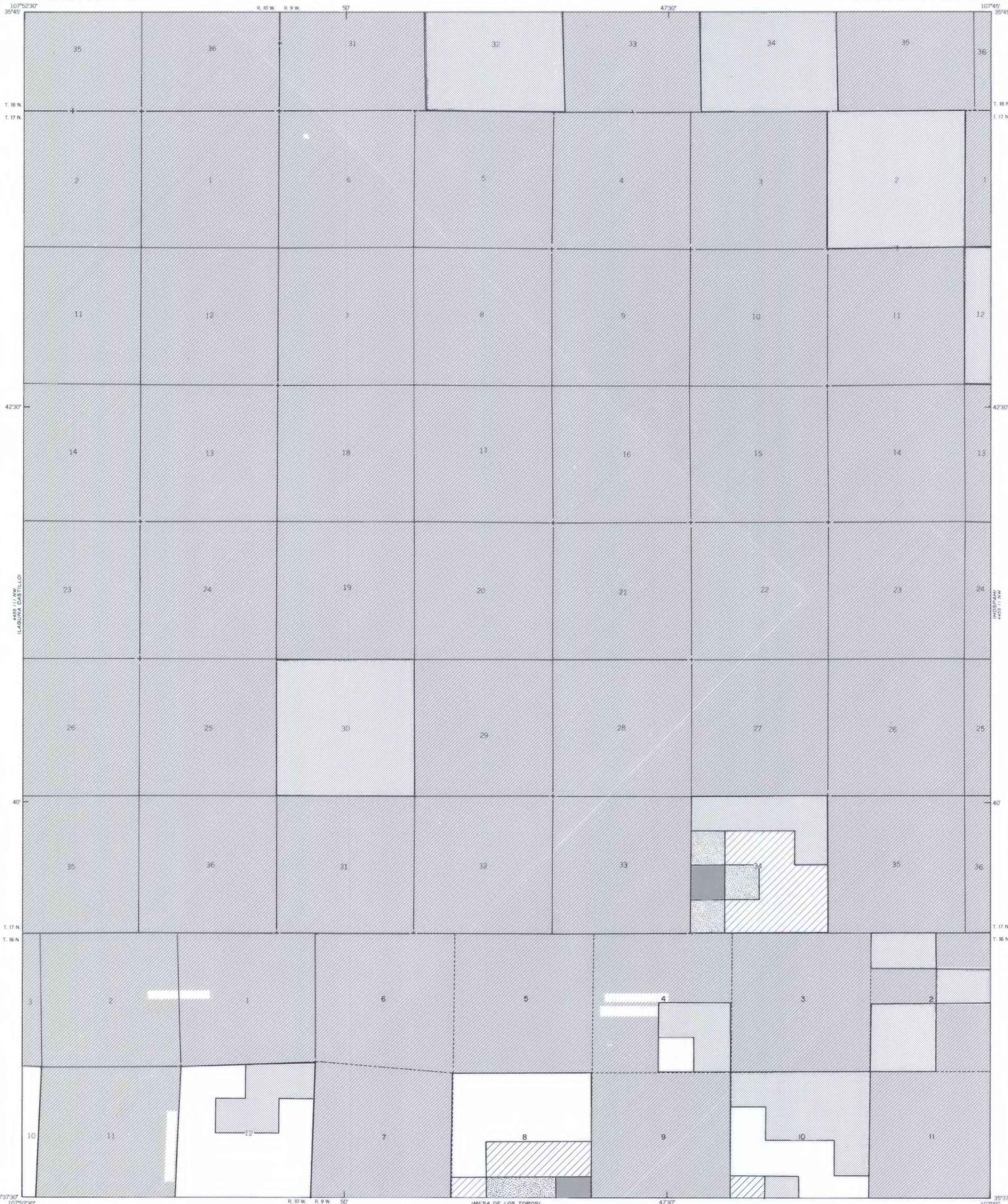


This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.



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 FOR SURFACE MINING METHODS—Includes areas underlain by the Menefee Cleary No. 2 and Crevasse Canyon Gibson No. 3 coal beds. Area has a mining ratio value from 0 to 10.

 AREA OF MODERATE COAL DEVELOPMENT POTENTIAL FOR SURFACE MINING METHODS. Includes areas underlain by the Menefee Cleary No. 2 and Crevasse Canyon Gibson No. 3 coal beds. Area has a mining ratio value ranging from 10 to 15.

 AREA OF LOW COAL DEVELOPMENT POTENTIAL FOR SURFACE MINING METHODS—Includes areas underlain by the Menefee Cleary 1, 2, 3, and Crevasse Canyon Gibson No. 3 coal beds. Area has a mining ratio value greater than 15.

 AREA OF UNKNOWN COAL DEVELOPMENT POTENTIAL FOR SURFACE MINING METHODS—Includes areas within the stripping limit (200 feet—overburden) with coal thickness less than 3.0 feet (0.9 meters), areas with insufficient data, areas outside the coal outcrop or limit of coal beds within the Menefee and Crevasse Canyon Formations.

 AREA OF NO COAL DEVELOPMENT POTENTIAL FOR SURFACE MINING METHODS—Includes areas outside the Menefee and Crevasse Canyon Formations.

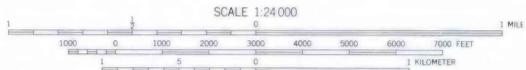
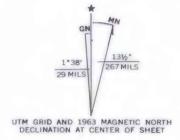
To convert feet to meters, multiply feet by 0.3048.

NOTE:  
All section lines short dashed  
----- are projected & shown in  
approximate locations only.  
Certified data not available.  
Refer to B.L.M. MT plats for  
related information.

NOTE: BLM coal ownership data  
current as of Oct. 26, 1978.

Base from U.S. Geological Survey, 1963

Compiled in 1978



COAL DEVELOPMENT POTENTIAL MAP OF THE ORPHAN ANNIE ROCK  
QUADRANGLE, MCKINLEY COUNTY, NEW MEXICO  
BY  
BERGE EXPLORATION, INC.  
1979