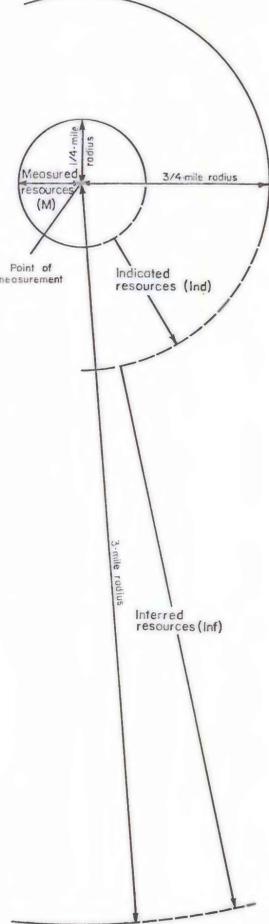


**EXPLANATION**

NON-FEDERAL COAL LAND - Land within the ERECA boundary for which the Federal Government does not own the coal rights.

BOUNDARY OF IDENTIFIED RESERVE BASE COAL - Drawn along the 3-foot (1.3-m) coal isopach (1); the ERECA boundary (K); and the 3000-foot (914-m) overburden study limit (B). Arrow points toward area of Identified Reserve Base coal.

IDENTIFIED COAL RESOURCES OF THE MENEFFEE 5 COAL BED - Showing locals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part(s) of section of Federal coal land outside the stripping-limit line. Dash indicates no resources in that category. Reserve Base (RB) x the Recovery Factor (50 percent) = Reserves (R).



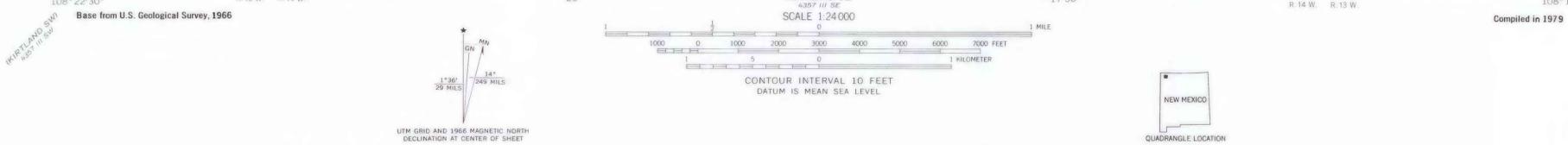
BOUNDARY LINES - Enclosing areas of measured (M), indicated (Ind), and inferred (Inf) coal resources. Dashed where projected from adjacent quadrangles.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert miles to kilometers, multiply miles by 1.609.

Values given for subsurface Reserve (R) coverages represent 50% of the calculated Reserve Base (RB) values. Calculated Reserve Base and Reserve values have been rounded off to the nearest 10,000 tons of coal.

Reserve Base and Reserve values of 0.00 represent resources of less than 5,000 tons of coal.



**COAL RESOURCE OCCURRENCE MAP OF THE KIRTLAND QUADRANGLE,  
SAN JUAN COUNTY, NEW MEXICO**  
BY  
**DAMES & MOORE**  
1979

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