

**EXPLANATION**

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

STRIPPING-LIMIT LINE - Boundary for surface mining of the Fruitland zone A coal bed (in this quadrangle, the 200-foot [61-m] overburden isopach). Arrow points toward the area suitable for surface mining. Recovery factor of 85 percent within this area in this quadrangle.

BOUNDARY OF IDENTIFIED RESERVE BASE COAL - Drawn along the 5-foot (1.5-m) coal isopach (I) and the RECLA boundary (P). Arrow points toward area of identified Reserve Base coal.

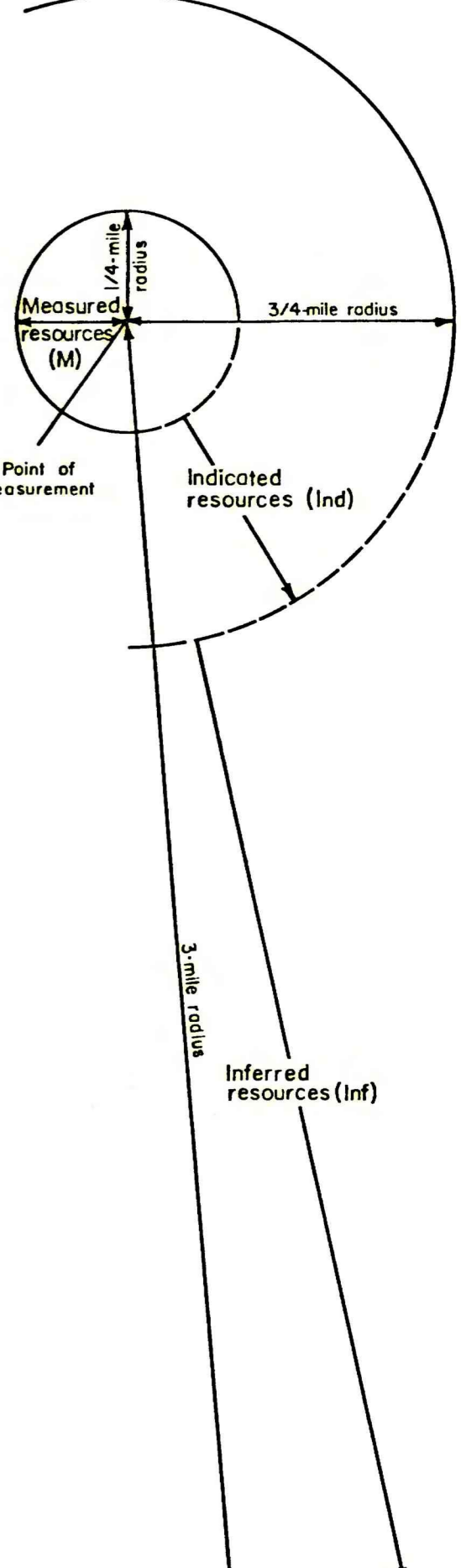
RB R (85%)  
-- -- (Measured resources)  
-- -- (Indicated resources)  
1.88 1.60 (Inferred resources)  
Hyp 0.54 (Hypothetical resources)

IDENTIFIED AND HYPOTHETICAL COAL RESOURCES OF THE FRUITLAND ZONE A COAL BED - Showing totals for Reserve Base (RB), Reserve (R), and hypothetical resources (Hyp) in millions of short tons, for each section or part(s) of section of Federal coal land within the stripping-limit line. Dash indicates no resources in that category. Reserve Base (RB) x the Recovery Factor (85 percent) = Reserves (R).

RB R (50%)  
-- -- (Measured resources)  
-- -- (Indicated resources)  
8.57 4.09 (Inferred resources)  
Hyp 5.58 (Hypothetical resources)

IDENTIFIED AND HYPOTHETICAL COAL RESOURCES OF THE FRUITLAND ZONE A COAL BED - Showing totals for Reserve Base (RB), Reserve (R), and hypothetical resources (Hyp) 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).

RB R (50%)  
-- -- (Measured resources)  
-- -- (Indicated resources)  
8.57 4.09 (Inferred resources)  
Hyp 5.58 (Hypothetical resources)



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

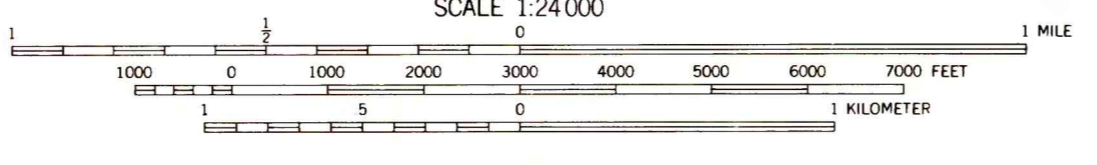
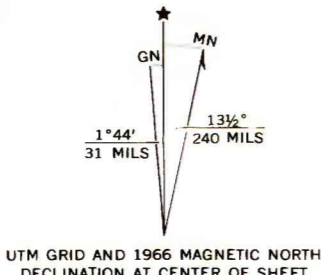
Coal outside the 3-mile radius is a hypothetical resource.

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 stripable and subsurface Reserve (R) tonnages represent 85% and 50%, respectively, 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.

Base from U.S. Geological Survey, 196



**COAL RESOURCE OCCURRENCE MAP OF THE PUEBLO BONITO NW QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO**

**BY  
DAMES & MOORE  
1979**

PLATE 14  
AREAL DISTRIBUTION AND IDENTIFIED AND HYPOTHETICAL RESOURCES OF THE FRUITLAND ZONE A COAL BED

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