



**EXPLANATION**

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

BOUNDARY OF IDENTIFIED RESERVE BASE COAL - Drawn along the 3-foot (1.5-m) coal isopach (I), the ERGMA boundary (K), and the 300-foot (91-m) overburden study limit (S). Arrow points toward area of identified Reserve Base coal.

RB	R(50%)	(Measured resources)
0.80	0.50	(Indicated resources)
0.40	0.30	(Inferred resources)

IDENTIFIED COAL RESOURCES OF THE FRUITLAND 3 OR FRUITLAND 6 COAL BEDS - Showing totals for Reserve Base (RB) and Reserve (R), in millions of short tons, for each section or part(s) of section of Federal coal land outside the strippling limit line. Dash indicates no resources in that category. Reserve Base (RB) x the Recovery Factor (50 percent) = Reserve (R).

Point of measurement

Measured resources (M)

Indicated resources (Ind)

Inferred resources (Inf)

3/4 mile radius

3 mile radius

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) tonnage 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 SOUTHEAST QUARTER OF THE  
AZTEC 15-MINUTE QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO**  
BY  
**DAMES & MOORE**  
1979

PLATE 15  
AREAL DISTRIBUTION  
AND IDENTIFIED RESOURCES OF THE  
FRUITLAND 3 AND FRUITLAND 6 COAL BEDS

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