UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 79-1117
PLATE II OF 19

SW¼ OF AZTEC 15' QUADRANGLE
NEW MEXICO-SAN JUAN CO.

108°00' 36°52'30" 57'30" R.11 W. R.10 W. 55' 107°52'30" 36°52'30"

T.31 N. T.30 N. 50' 47'30" T.30 N. T.29 N. 36°45' 108°00' 57'30" R.11 W. R.10 W. 55' 107°52'30" 36°45'

Fr 2 Fr 4

Ind RB R(50%) 0.43 0.22 1.25 0.63 — — RB R(50%) 0.17 0.08 0.24 0.12 — —

Inf RB R(50%) — — 0.01 0.00 1.31 0.65

M

Ind RB R(50%) — — 1.87 0.93 1.10 0.55 RB R(50%) — — 1.63 0.81 0.32 0.16

Inf

Ind RB R(50%) 0.00 0.00 0.94 0.69 0.18 0.09

M

Ind RB R(50%) 0.00 0.00 0.65 0.33 0.14 0.07

Inf RB R(50%) 0.90 0.45 1.06 0.53 0.10 0.05

Ind

M

M

RB R(50%) 0.32 0.16 3.29 1.65 0.45 0.23

B

RB R(50%) — — 1.05 0.52 0.01 0.00

Inf RB R(50%) 0.07 0.03 0.41 0.20 0.62 0.30

B

Inf

B

Ind RB R(50%) 1.03 0.67 2.17 1.03 0.00 0.00

M

Ind

M

Ind RB R(50%) 0.15 0.07 2.77 1.38 0.70 0.35

Inf RB R(50%) — — 0.49 0.24 1.84 0.92

Ind RB R(50%) 0.39 0.20 3.26 1.63 0.02 0.01

Ind RB R(50%) 0.04 0.02 1.66 0.84 — —

M

Inf

Ind RB R(50%) 1.52 0.76 4.58 2.29 1.22 0.61

Ind RB R(50%) 0.15 0.07 3.22 1.61 2.42 1.21

Inf RB R(50%) — — 0.91 0.45 0.12 0.06

Ind RB R(50%) — — 0.75 0.38

Inf RB R(50%) — — 0.14 0.07 0.14 0.07

Ind RB R(50%) — — 0.21 0.11 0.15 0.08

Inf RB R(50%) — — 0.01 0.01 0.29 0.14

Ind RB R(50%) 0.32 0.16 1.68 0.84 0.09 0.05

M

Ind RB R(50%) — — 0.12 0.06

SCALE 1:24,000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

Base from U.S. Geological Survey, 1959

Compiled in 1979

EXPLANATION

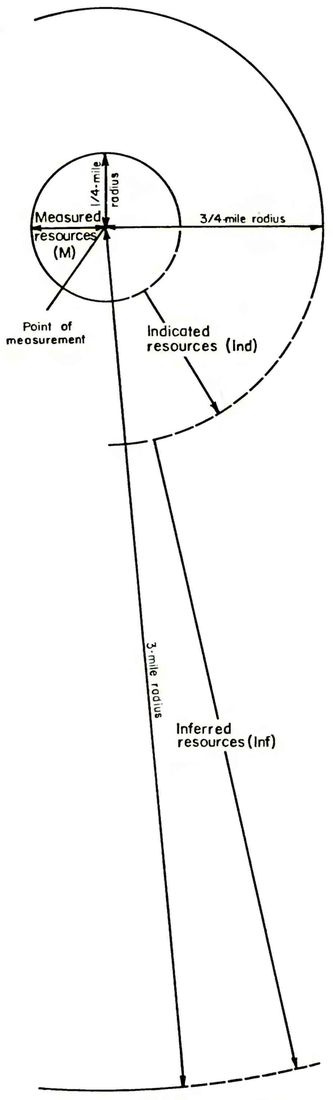
NON-FEDERAL COAL LAND - Land within the KRCRA boundary for which the Federal Government does not own the coal rights.

I

BOUNDARY OF IDENTIFIED RESERVE BASE COAL - Drawn along the 5-foot (1.5-m) coal isopach (I) and the 3000-foot (914-m) overburden study limit (B). Arrow points toward area of identified Reserve Base coal.

RB	R(50%)	
0.15	0.07	(Measured resources)
2.77	1.38	(Indicated resources)
0.70	0.35	(Inferred resources)

IDENTIFIED COAL RESOURCES OF THE FRUITLAND 2 OR FRUITLAND 4 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 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 0.907₹.

To convert miles to kilometers, multiply miles by 1.609

Values given for subsurface Reserve (R) tonnages 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 SOUTHWEST QUARTER OF THE AZTEC 15-MINUTE QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY
DAMES & MOORE

1979

This map was prepared under contract to the U.S. Geological Survey and has not been edited for conformity with Geological Survey editorial standards. Opinions and conclusions expressed herein do not necessarily represent those of the Geological Survey.

PLATE II

AREAL DISTRIBUTION
AND IDENTIFIED RESOURCES OF THE
FRUITLAND 2 AND 4 COAL BEDS