UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEER MESA QUADRANGLE
NEW MEXICO—SANDOVAL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-158
PLATE 10 OF 11

4556 II NW (COUNSELOR) | 4556 III NE (TANCOSA WINDMILL) | 4556 I NW (FIVE LAKES CANYON NW)

107°22'30" 20' R 5 W 17'30" 107°15'
36°07'30"

T 22 N
T 21 N
5'

4556 III SW (MULE DAM) | 4556 II SW (TAYLOR RANCH)

2'30"

36°00'
107°22'30" 20' (OJO ENCINO MESA) 4556 II NW R 5 W R 4 W 17'30" 107°15'
36°00'

(STAR LAKE) 4555 IV NW | (JOHNSON TRADING POST) 4555 I NW

Base from U.S. Geological Survey, 1966

Compiled in 1979

SCALE 1:24000

1 MILE
7000 FEET
1 KILOMETER

GN MN
1°22' 24 MILS
13½° 240 MILS
DECLINATION AT CENTER OF SHEET

NEW MEXICO
QUADRANGLE LOCATION

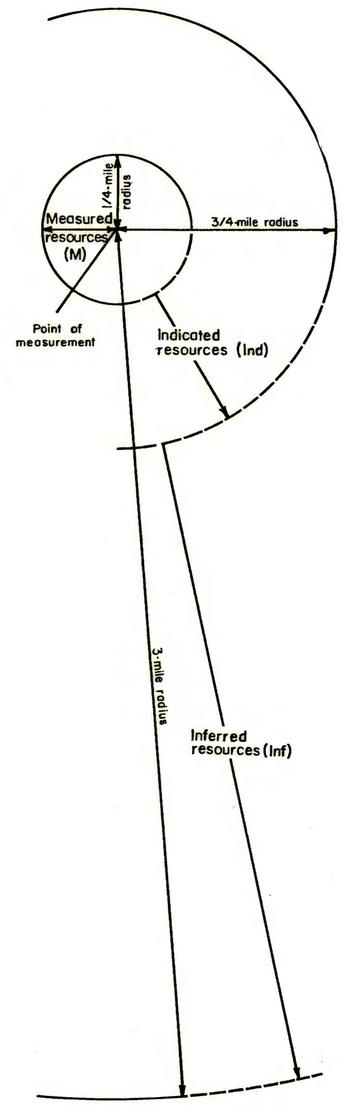
EXPLANATION

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

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

RB	R(50%)	
1.35	0.68	(Measured resources)
5.10	2.55	(Indicated resources)
3.06	1.53	(Inferred resources)

IDENTIFIED COAL RESOURCES OF THE FRUITLAND 1 COAL BED - Showing totals 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) 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.

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.

COAL RESOURCE OCCURRENCE MAP OF THE DEER MESA QUADRANGLE, SANDOVAL COUNTY, NEW MEXICO

BY

DAMES & MOORE

1979

PLATE 10

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES OF THE FRUITLAND 1 COAL BED