UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALAMO MESA WEST QUADRANGLE
NEW MEXICO—SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-602
PLATE 9 OF 19

EXPLANATION

400

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the Fruitland 1 coal bed. Isopach interval 100 feet (30.5 meters). Isopachs dashed where inferred.

O410

DRILL HOLE - Showing thickness of overburden, in feet, from the surface to the top of the Fruitland 1 coal bed.

10

MINING RATIO CONTOUR FOR FRUITLAND 1 COAL BED - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas suitable for surface mining within the strippable limit. Stripping limit is 200 feet (61 meters) of overburden.

To convert feet to meters, multiply feet by 0.3048.

To convert cubic yards per ton to cubic meters per metric ton, multiply cubic yards per ton by 0.842.

108°15' 12'30" 10' R 13 W R 12 W 108°07'30"
36°22'30" 36°15'
T. 25 N. T. 24 N. T. 23 N.

Base from U.S. Geological Survey, 1966

Compiled in 1979

SCALE 1:24 000

1 MILE
1000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

UTM GRID AND 1966 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

NEW MEXICO
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE ALAMO MESA WEST QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY
DAMES & MOORE
1979

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PLATE 9
ISOPACH MAP OF OVERBURDEN OF THE FRUITLAND 1 COAL BED