UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MESA PORTALES QUADRANGLE
NEW MEXICO-SANDOVAL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-809
PLATE 1 OF 6

Base from U.S. Geological Survey, 1961

Compiled in 1979

SCALE 1:24 000

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

TRUE NORTH
MAGNETIC NORTH
DECLINATION, 1961

NEW MEXICO
QUADRANGLE LOCATION

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

BY

DAMES & MOORE

1979

EXPLANATION

(10) GL 6875 NR 300 R 2392 C 5(Me zone) R 1513 TD 4210

DRILL HOLE - Shown solid for oil and gas. Showing drill hole data, in feet. Index number refers to well on Plate 3 of CRO map.

GL - Ground level elevation
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE AND MEASURED SECTION DATA SYMBOLS

Fr 1 - Fruitland 1 bed
Me zone - Menefee zone

COAL BED AND COAL ZONE SYMBOLS AND NAMES

(4) GL 7100 C 4.2 (Fr1)
Fr 1

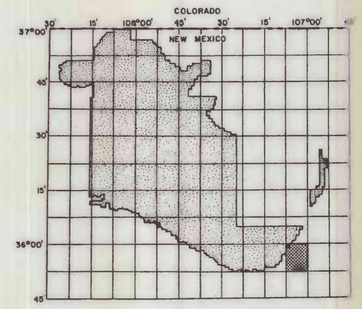
TRACE OF COAL BED OUTCROP - Showing coal thickness, in feet, measured at triangle. Index number refers to measured section on Plate 3 of CRO map. Arrow points toward the coal-bearing area. Trace of coal bed outcrop modified (from original data source) to fit modern topographic map.

BURNED AND CLINKERED COAL BED - Showing area of baked and fused rock (v symbol). Dotted line indicates inferred limit of burning.

FAULT - Dashed where approximately located; bar and ball on downthrown side.

To convert feet to meters, multiply feet by 0.3048.

NR is an average of 300 ft (91 m) of casing. Actual depth of casing not shown.



MAP SHOWING LOCATION OF THE MESA PORTALES QUADRANGLE (SHADED) AND THE SAN JUAN BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), NEW MEXICO

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 1
COAL DATA MAP