UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OJO ENCINO MESA QUADRANGLE
NEW MEXICO
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-161
PLATE 6 OF 12

EXPLANATION

800

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the Menefee coal zone, which is coincident with the top of the La Ventana Tongue or Hogback Mountain Tongue both of which intertongue and are stratigraphically equivalent. Isopach interval 200 feet (61 meters). Isopachs dashed where inferred.

1600

INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, within the Menefee coal zone. Isopach interval 50 feet (15.2 meters).

824
1504

DRILL HOLE - Showing thickness of overburden, in feet, (upper number) from the surface to the top of the Menefee coal zone, which is coincident with the top of the La Ventana Tongue or Hogback Mountain Tongue both of which intertongue and are stratigraphically equivalent, and thickness of interburden, in feet, (lower number) within the Menefee coal zone.

To convert feet to meters, multiply feet by 0.3048.

The Menefee coal zone extends from the top of the La Ventana Tongue or Hogback Mtn. Tongue (Menefee Fm) to the base of the Menefee Fm. The La Ventana Tongue and the Hogback Mtn. Tongue interfinger and are contemporaneous. The Menefee zone overburden is determined by subtracting the elevation of the top of the La Ventana Tongue or Hogback Mtn. Tongue (CEO Plate 5) from the ground level elevation. The interburden is the noncoal-bearing portion of the Menefee coal zone (i.e., the combined rock thickness of the undifferentiated Menefee Fm and the La Ventana Tongue).

Base from U.S. Geological Survey, 1961

Compiled in 1979

SCALE 1:24000

1 MILE
7000 FEET
1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1961
13½°
TRUE NORTH
MAGNETIC NORTH

NEW MEXICO
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE OJO ENCINO MESA QUADRANGLE, MC KINLEY AND SANDOVAL COUNTIES, NEW MEXICO

BY
DAMES & MOORE
1979

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PLATE 6

ISOPACH MAP OF OVERBURDEN AND INTERBURDEN OF THE MENEFEE COAL ZONE