

EXPLANATION

— 1200 —

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. Isopachs long dashed where inferred, short dashed where projected through noncoal-bearing area.

— 1500 —

INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, within the Menefee coal zone. Isopach interval 50 feet (15.2 meters). Isopachs long dashed where inferred, short dashed where projected through noncoal-bearing area.

○ 678
1526

DRILL HOLES - 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, and thickness of interburden, in feet, (lower number) within the Menefee coal zone.

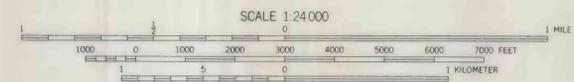
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FAULT - Dashed where approximately located, dotted where concealed; bar and bell on downthrown side.

To convert feet to meters, multiply feet by 0.3048.

The Menefee coal zone extends from the top of the La Ventana Tongue (Cliff House Sa) to the base of the Menefee Fa. The La Ventana Tongue and the Hogback Mtn Tongue (Menefee Fa) interfinger and are contemporaneous in surrounding quadrangles and the correlation has been continued into this quadrangle for purposes of consistency. The Menefee zone overburden is determined by subtracting the elevation of the top of the La Ventana Tongue (CRD 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 Fa and the La Ventana Tongue).

Base from U.S. Geological Survey, 1961



Compiled in 1979

COAL RESOURCE OCCURRENCE MAP OF THE JOHNSON TRADING POST QUADRANGLE, SANDOVAL COUNTY, NEW MEXICO

BY
DAMES & MOORE
1979

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PLATE 6
ISOPACH MAP OF OVERBURDEN AND INTERBURDEN OF THE MENEFFEE COAL ZONE