



**EXPLANATION**

**1800**  
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. Isopach interval 200 feet (61 meters). Isopachs dashed where inferred.

**1650**  
INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, within the Menefee coal zone. Isopach interval 50 feet (15.2 meters). Isopachs dashed where inferred.

○ 1514  
1782  
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, 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 (Cliff House Sa) to the base of the Menefee Fm. The La Ventana Tongue and the Hogback Mn. Tongue (Menefee Fa) interfinger and are contemporaneous. The Menefee zone overburden is determined by subtracting the elevation of the top of the La Ventana Tongue (CSD 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, 1966

Compiled in 1979



**COAL RESOURCE OCCURRENCE MAP OF THE LYBROOK SE QUADRANGLE,  
SANDOVAL, MC KINLEY, AND SAN JUAN COUNTIES, NEW MEXICO**  
BY  
**DAMES & MOORE**  
1979

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**PLATE 6**  
**ISOPACH MAP OF OVERBURDEN AND INTERBURDEN OF THE MENEFEE COAL ZONE**