



EXPLANATION

—1000—
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.

---1700---
INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, within the Menefee coal zone. Isopach interval 50 feet (15.2 meters). Isopachs dashed where inferred.

○ 1131
1709
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.

*The lower part of the Menefee coal zone lies below 3,000 feet (914.4 meters) of overburden. Therefore, the value shown for this drill hole is not representative of the total 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 2a) to the base of the Menefee Pa. The La Ventana Tongue and the Hogback Mn. Tongue (Menefee Pa. interfinger) are contemporaneous. The Menefee zone overburden is determined by subtracting the elevation of the top of the La Ventana Tongue (C80 Plate 2) from the ground level elevation. The interburden is the noncaliche-bearing portion of the Menefee coal zone (i.e. the combined rock thickness of the undifferentiated Menefee Pa. and the La Ventana Tongue).



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

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