

**EXPLANATION**

900  
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 100 feet (30.5 meters). Isopachs dashed where inferred.

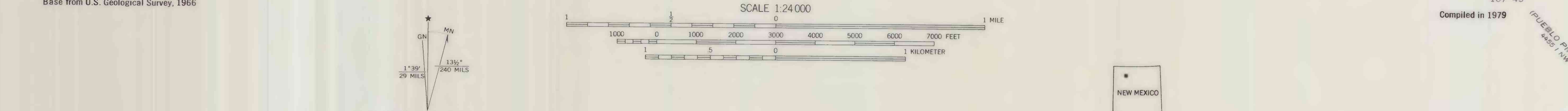
1640  
INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, within the Menefee coal zone. Isopach interval 60 feet (12.2 meters). Isopachs dashed where inferred.

740  
O1672  
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.

FAULT - Dashed where approximately located; 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 S3) to the base of the Menefee fm. The La Ventana Tongue and the Hogback Mtn. Tongue (Menefee fm) interfinger and are contemporaneous. The Menefee zone overburden is determined by subtracting the elevation of the top of the La Ventana Tongue (530 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).



**COAL RESOURCE OCCURRENCE MAP OF THE SARGENT RANCH QUADRANGLE,  
SAN JUAN AND MCKINLEY COUNTIES, NEW MEXICO**

BY  
**DAMES & MOORE**  
1979

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

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