

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.

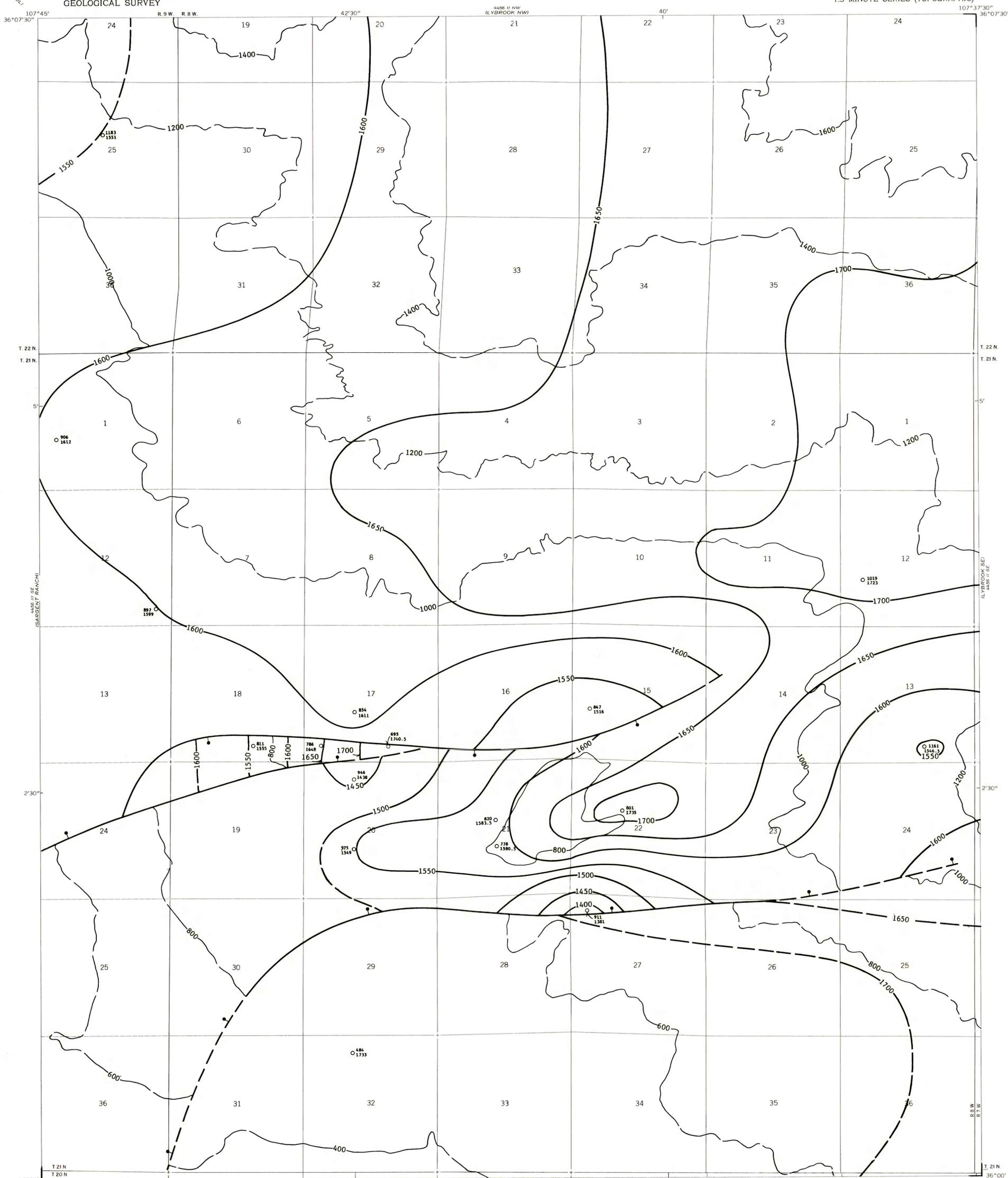
1700
INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, within the Menefee coal zone. Isopach interval 50 feet (15.2 meters). Isopachs dashed where inferred.

817
817
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 ball on downthrown side.

To convert feet to meters, multiply by 0.3048.

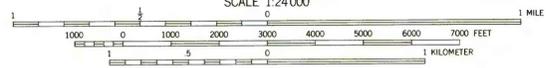
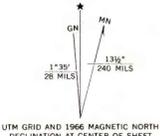
The Menefee coal zone extends from the top of the La Ventana Tongue (Cliff House Ss) to the base of the Menefee Pn. The La Ventana Tongue and the Hogback Mn. Tongue (Menefee Pn) intertongue and are contemporaneous. The Menefee zone overburden is determined by subtracting the elevation of the top of the La Ventana Tongue (C&G 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 Pn and the La Ventana Tongue).



Base from U.S. Geological Survey, 1966

(PUEBLO PINTADO)
SCALE 1:24,000

Compiled in 1979



**COAL RESOURCE OCCURRENCE MAP OF THE FIRE ROCK WELL QUADRANGLE,
SAN JUAN, MC KINLEY, AND SANDOVAL COUNTIES, NEW MEXICO**

BY
DAMES & MOORE
1979

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

This map was prepared under contract to the U.S. Geological Survey and has not been edited for conformity with Geological Survey editorial standards. Opinions and conclusions expressed herein do not necessarily represent those of the Geological Survey.