

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 or the Hogback Mountain Tongue, both of which intertongue and are stratigraphically equivalent. Isopach interval 200 feet (61 meters). Isopachs dashed where inferred.

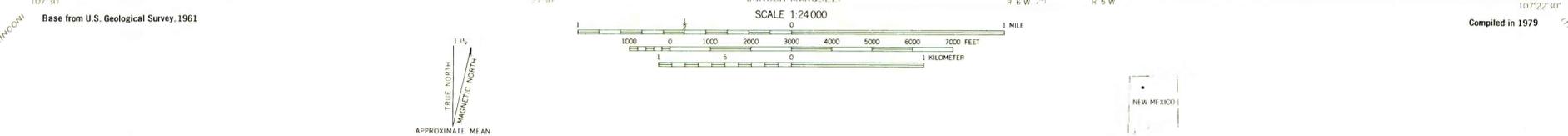
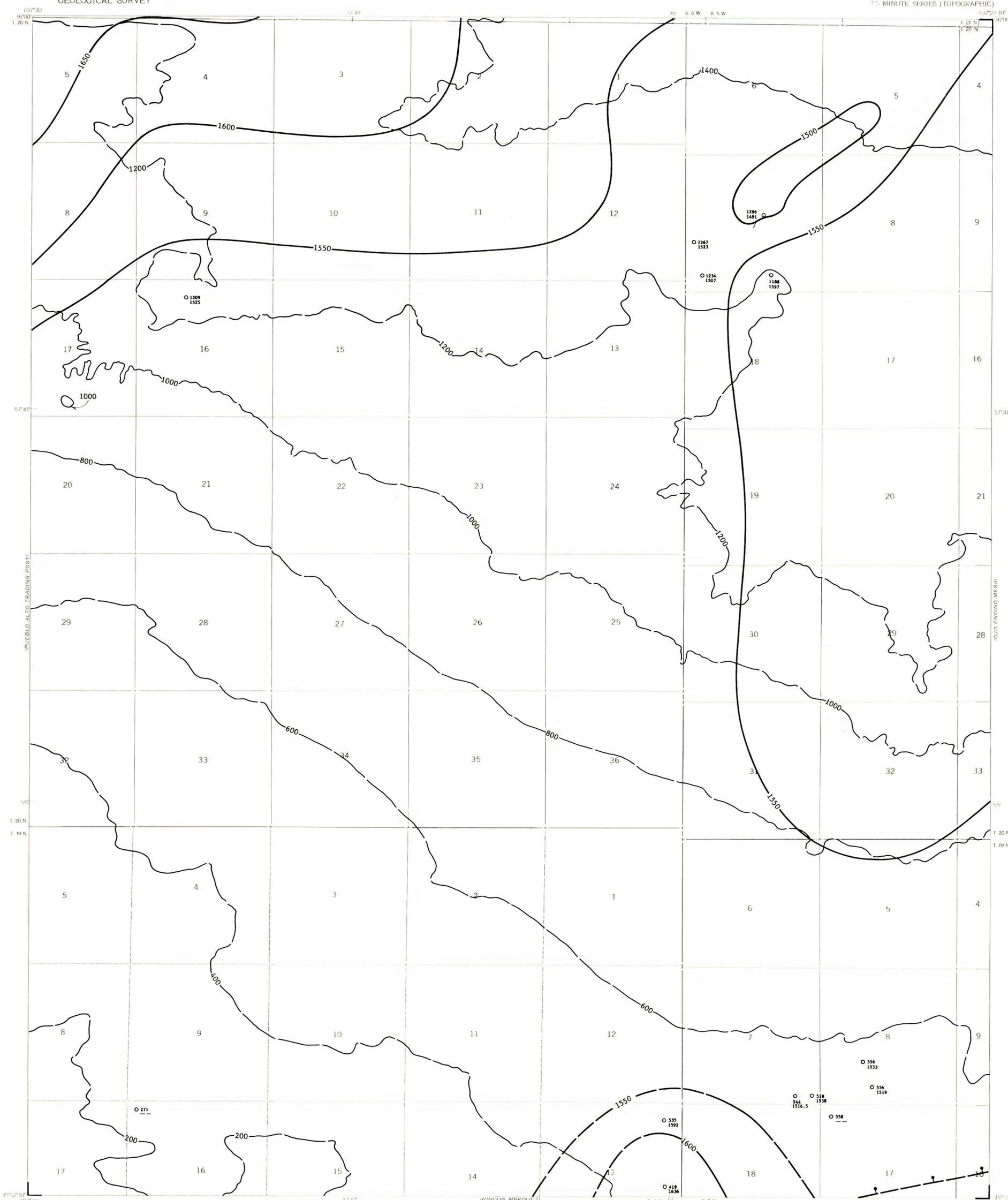
—1550—
INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, within the Menefee coal zone. Isopach interval 50 feet (15.2 meters). Isopachs dashed where inferred.

○ 518
1538
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 or the Hogback Mountain Tongue, both of which intertongue and are stratigraphically equivalent, and thickness of interburden, in feet, (lower number) within the Menefee coal zone. Dashes indicate unknown value.

FAULT - Dashed where approximately located; bar and ball 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 8) or the Hogback Mtn. Tongue (Menefee Pn) to the base of the Menefee Pn. The La Ventana Tongue and the Hogback Mtn. Tongue intertongue and are contemporaneous. The Menefee zone overburden is determined by subtracting the elevation of the top of the La Ventana Tongue or Hogback Mtn. Tongue, whichever is uppermost, (CNO 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, the Hogback Mtn. Tongue, and the La Ventana Tongue).



COAL RESOURCE OCCURRENCE MAP OF THE STAR LAKE QUADRANGLE,
MC KINLEY AND SANDOVAL COUNTIES, NEW MEXICO

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

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