

EXPLANATION

1200
OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the Fruitland coal zone, which is coincident with the top of the Fruitland Formation. Isopach interval 400 feet (122 meters). Isopachs long dashed where inferred, short dashed where projected through noncoal-bearing area. Supplemental 200-foot (61-meter) and 1000-foot (305-meter) overburden isopachs added.

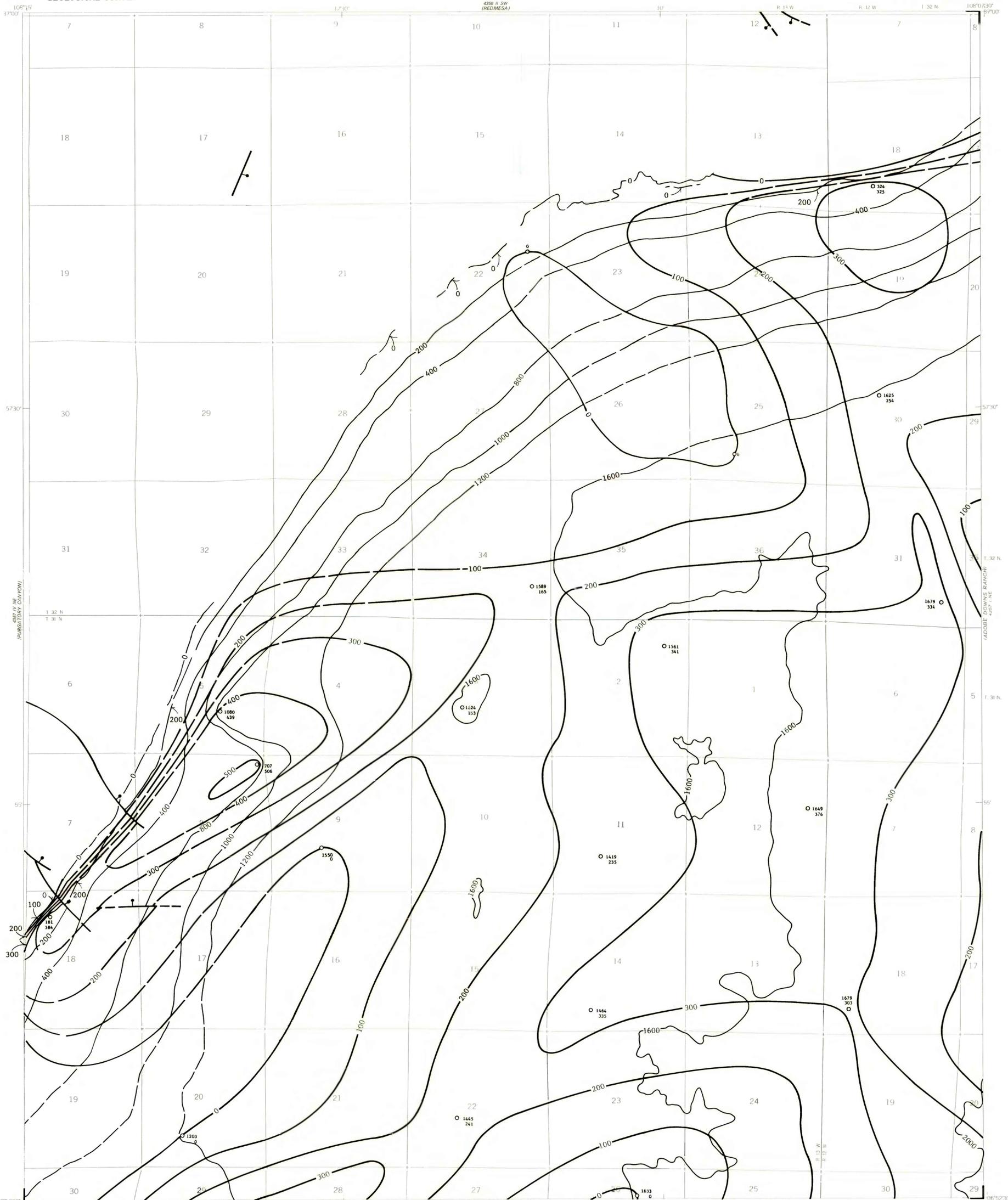
300
INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, within the Fruitland coal zone. Isopach interval 100 feet (30.5 meters). Isopachs dashed where inferred.

324
325
DRILL HOLE - Showing thickness of overburden, in feet, (upper number) from the surface to the top of the Fruitland coal zone and thickness of interburden, in feet, (lower number) within the Fruitland coal zone.

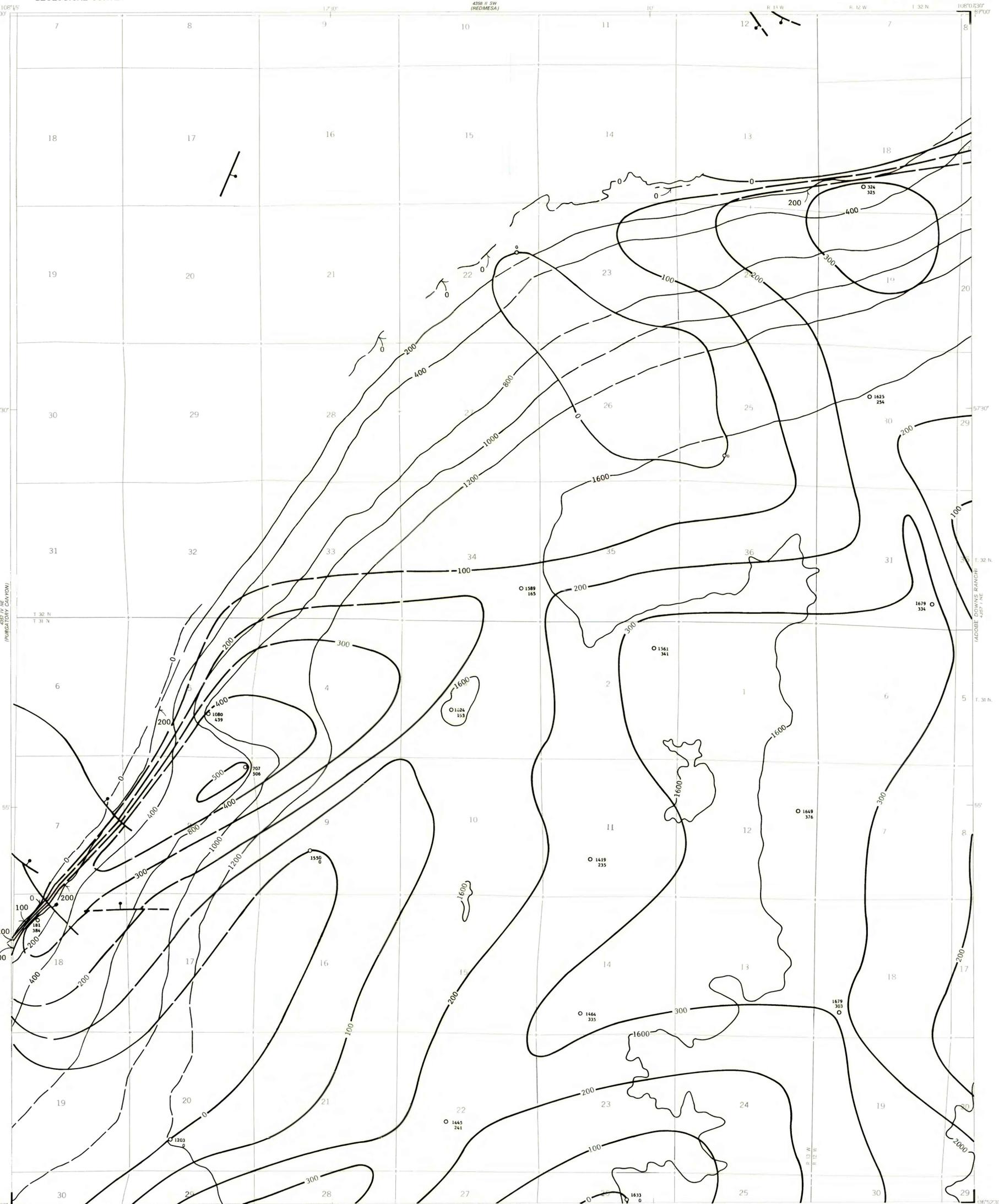
F
FAULT - Dashed where approximately located; bar and bell on downthrown side.

To convert feet to meters, multiply feet by 0.3048.

The Fruitland coal zone extends from the top of the Fruitland P₁ to the base of the lowermost coal which is designated, on CRD Plate 3, as a Fruitland zone coal bed. The Fruitland zone overburden is determined by subtracting the elevation of the top of the Fruitland P₁ (CRD Plate 1) from the ground level elevation. The interburden is the total rock thickness from the top of the Fruitland P₁ to the top of the lowermost coal which is designated as a Fruitland zone coal bed.



36° 52' 30" N
108° 15' W

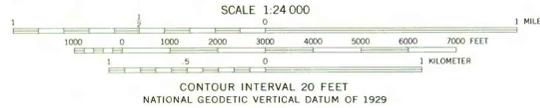


108° 15' W
36° 52' 30" N

108° 15' W
36° 52' 30" N

Base from U.S. Geological Survey, 1963

Compiled in 1979



**COAL RESOURCE OCCURRENCE MAP OF THE LA PLATA QUADRANGLE,
SAN JUAN COUNTY, NEW MEXICO AND LA PLATA COUNTY, COLORADO**

**BY
DAMES & MOORE
1979**

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**PLATE 14
ISOPACH MAP OF OVERBURDEN
AND INTERBURDEN
OF THE FRUITLAND COAL ZONE**