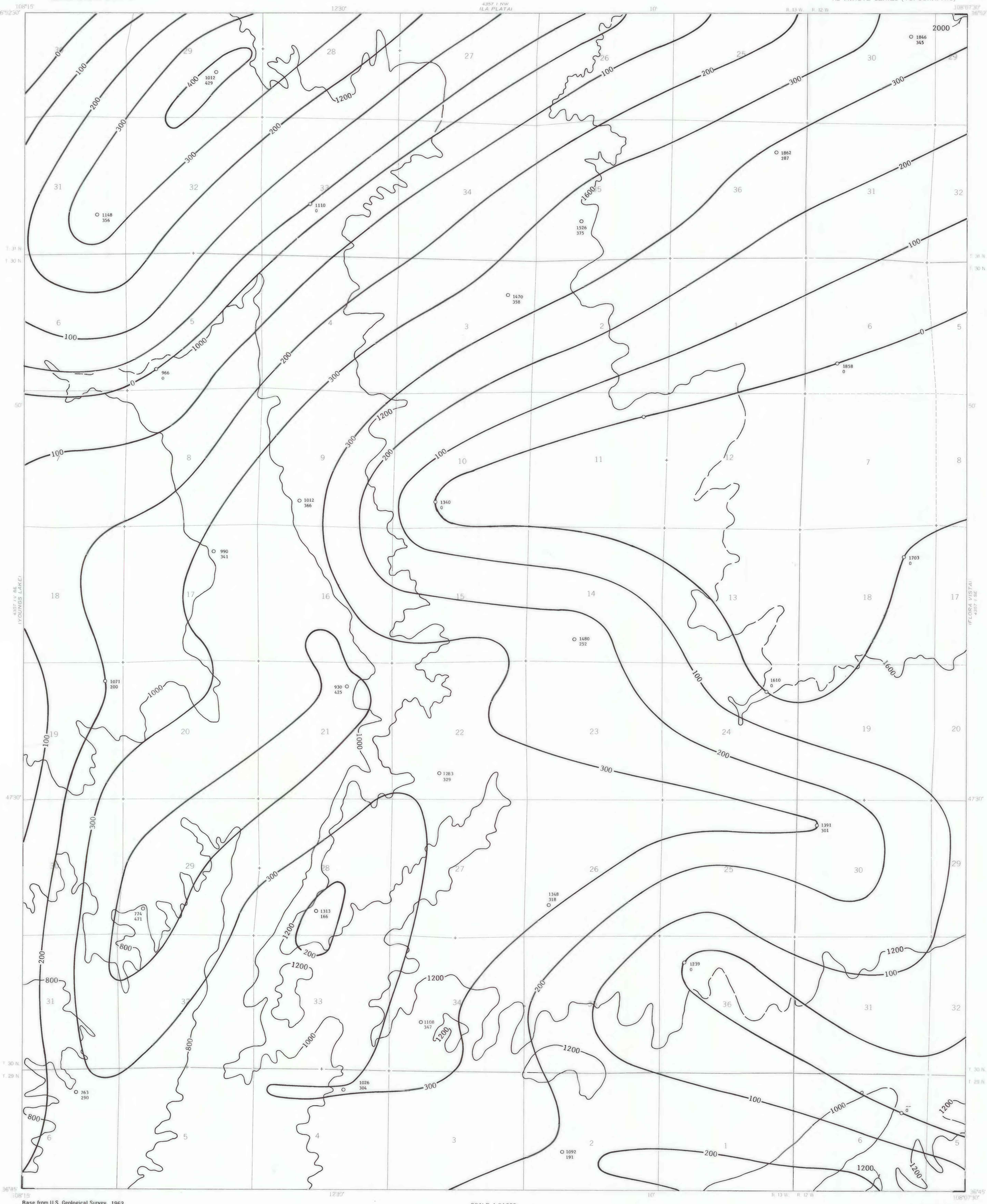
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FARMINGTON NORTH QUADRANGLE
NEW MEXICO-SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-1115
PLATE 10 OF 11



Base from U.S. Geological Survey, 1963

Compiled in 1979

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 dashed where projected through noncoal-bearing area. Supplemental 1000-foot (305-meter) overburden isopach added.

200

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

1480
252

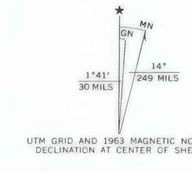
DRILL HOLE - Showing thickness of overburden, in feet, (upper number) from the surface to the top of the Fruitland coal zone and thickness of interburden, in feet, (lower number) within the Fruitland coal zone. Dash indicates unknown value.

To convert feet to meters, multiply feet by 0.3048.

The Fruitland coal zone extends from the top of the Fruitland Fm to the base of the lowermost coal which is designated, on CRO Plate 3, as a Fruitland zone coal bed. The Fruitland zone overburden is determined by substracting the elevation of the top of the Fruitland Fm (CRO Plate 9) from the ground level elevation. The interburden is the total rock thickness from the top of the Fruitland Fm to the top of the lowermost coal which is designated as a Fruitland zone coal bed.

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER



UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE FARMINGTON NORTH QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY
DAMES & MOORE
1979

PLATE 10

ISOPACH MAP OF OVERBURDEN
AND INTERBURDEN
OF THE FRUITLAND COAL ZONE