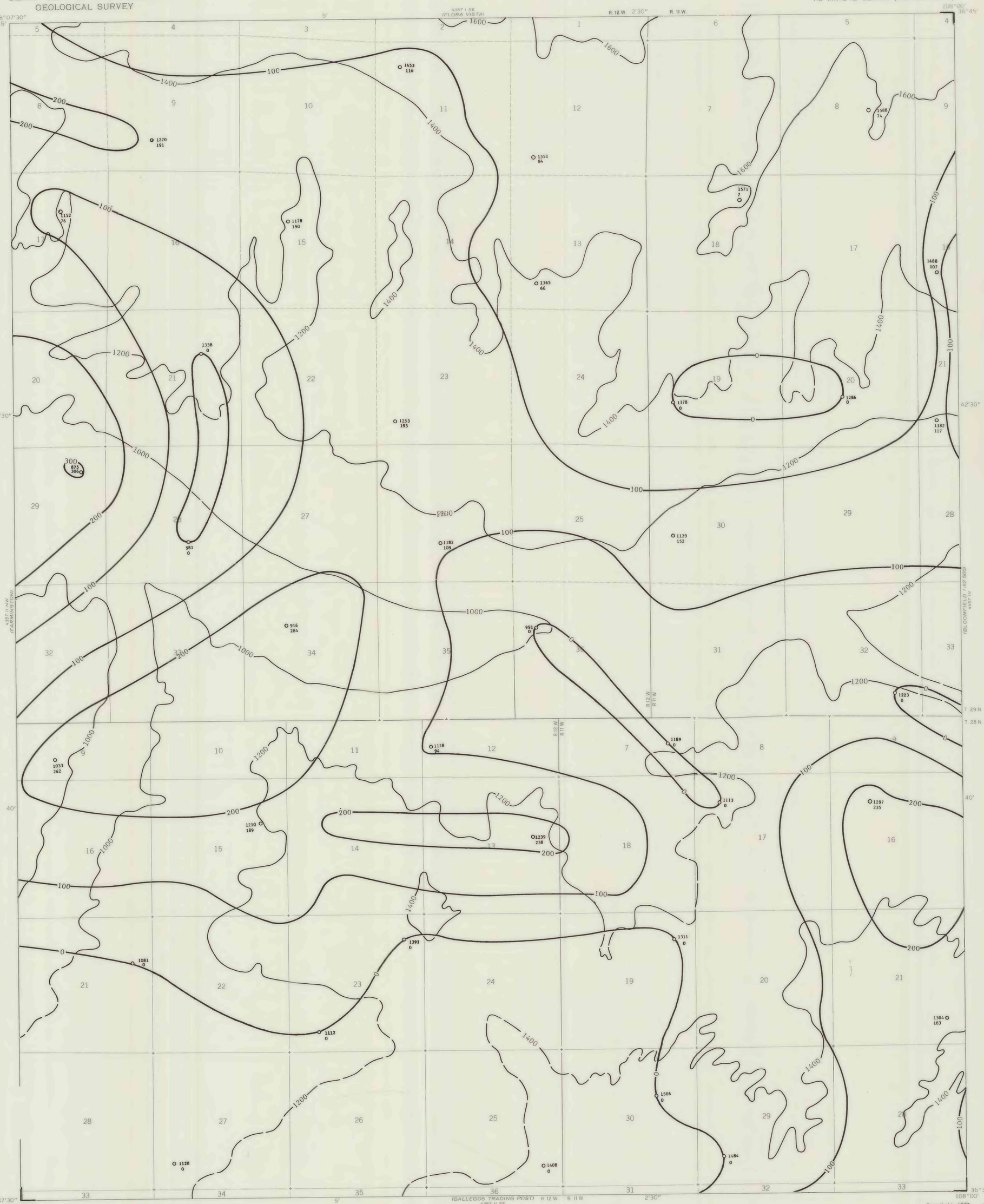
TOP

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HORN CANYON QUADRANGLE
NEW MEXICO–SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-797
PLATE 10 OF 11



Base from U.S. Geological Survey, 1965

Compiled in 1979

SCALE 1:24 000

1 MILE — 7000 FEET — 1 KILOMETER

GN — MN — 1°45' 31 MILS — 14° 249 MILS

NEW MEXICO

EXPLANATION

1000

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 200 feet (61 meters). Isopachs dashed where projected through noncoal-bearing area.

200

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

1128
94

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.

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 subtracting 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.

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.

COAL RESOURCE OCCURRENCE MAP OF THE HORN CANYON QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY

DAMES & MOORE

1979

PLATE 10

ISOPACH MAP OF OVERBURDEN AND INTERBURDEN OF THE FRUITLAND COAL ZONE