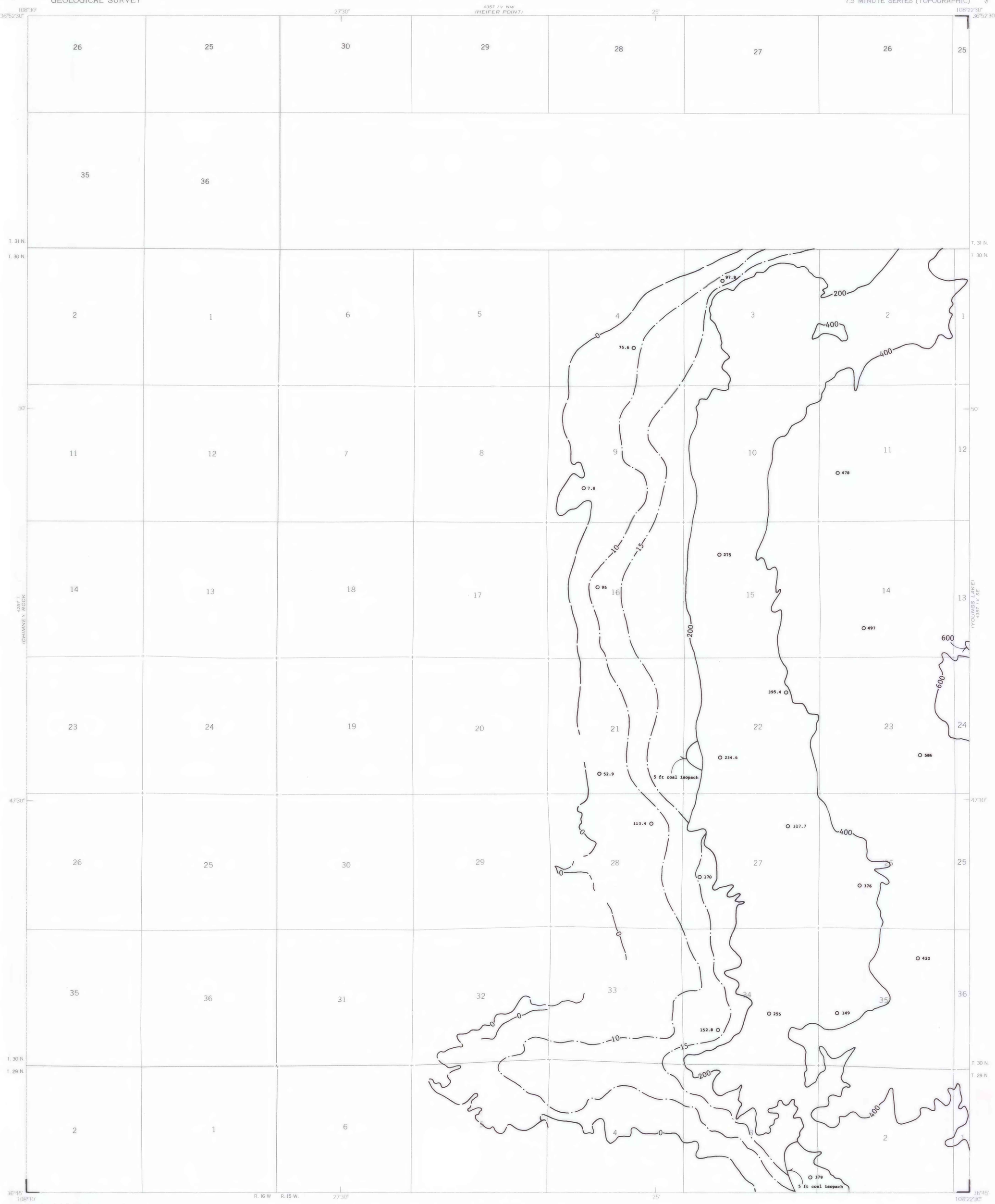
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

OPEN FILE REPORT 79 - 793
PLATE 10 OF 19



EXPLANATION

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OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the Fruitland 1 coal bed. Isopach interval 200 feet (61 meters). Isopachs dashed where inferred.

234.6

DRILL HOLE - Showing thickness of overburden, in feet, from the surface to the top of the Fruitland 1 coal bed.

15

MINING-RATIO CONTOUR FOR FRUITLAND 1 COAL BED - Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the strippable limit. Stripping limit is 200 feet (61 meters) of overburden.

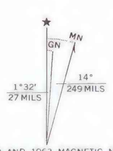
To convert cubic yards per ton to cubic meters per metric ton, multiply cubic yards per ton by 0.842.

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1963

SCALE 1:24000

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



UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

Compiled in 1979

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

BY

DAMES & MOORE

1979

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.

PLATE 10
ISOPACH MAP OF OVERBURDEN
OF THE FRUITLAND 1 COAL BED