UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RINER QUADRANGLE
WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-116

PLATE 13 OF 32

EXPLANATION

400

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 50 feet (15.24 m) over strippable coal and 200 feet (60.96 m) beyond the stripping-limit line.

O 243

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

10

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach).

D1 - D1 (Separation Creek) of Lower Fort Union Coal Zone

COAL BED SYMBOL AND NAME

D1

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred; short dashed where inferred by present authors.

To convert feet to meters, multiply feet by 0.3048.

To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

NOTE: Overburden isopachs are not drawn beyond those shown because of indufficient data.

Base from U.S. Geological Survey, 1966

Compiled in 1977/1978

SCALE 1:24 000

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING
QUADRANGLE LOCATION

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

COAL RESOURCE OCCURRENCE MAP OF THE RINER QUADRANGLE, SWEETWATER AND CARBON COUNTIES, WYOMING

BY
DAMES & MOORE
1979

PLATE 13
OVERBURDEN ISOPACH
AND MINING RATIO MAP OF THE
D1 (SEPARATION CREEK) COAL BED