UNITED STATES FILLMORE RANCH QUADRANGLE DEPARTMENT OF THE INTERIOR WYOMING-CARBON CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 107°37′30″ 41°37′30″ R. 91 W. 35'R 90 W. 15 14 16 17 0 286 0 450 0 762 22 23 23 20 21 0 22 30 27 28 29 31 33 34 32 T 18 N 12 13 16 NOTE: Overburden isopachs are not drawn beyond those shown because of insufficient data. 23 20 19 27 26 25 29 41°30′ 107°30′ (DOTY MOUNTAIN 1:62 500) 4466 | SCALE 1:24 000 Base from U.S. Geological Survey, 1966 Compiled in 1977/1978 WYOMING UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE FILLMORE RANCH QUADRANGLE, CARBON COUNTY, WYOMING

BY DAMES & MOORE 1978 OPEN FILE REPORT 78-621
PLATE 18 OF 36

EXPLANATION

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 100 feet (30.5 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

O 378

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

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).

C - C (Muddy Creek) of Lower Fort Union
 Coal Zone
 W - W bed of the Almond

W bed of the Almond

COAL BED SYMBOLS AND NAMES

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

To convert feet to meters, multiply feet by

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

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

PLATE 18
OVERBURDEN ISOPACH AND
MINING RATIO MAP OF THE
W COAL BED AND THE
C(MUDDY CREEK) COAL BED