UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CRESTON QUADRANGLE
WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 78-622
PLATE 20 OF 26

4467 IV SW (MONUMENT LAKE) | 4467 IV SE (RUBY KNOLLS) | 4467 I SW (JAWBONE RANCH)

107°52'30" | 50' | 47'30" | 107°45'
41°45'
42'30"
40'
41°37'30"

R. 93 W. | R. 92 W. | (HIGH POINT) R 92 W

T. 21 N. | T. 20 N. | T. 19 N.

NOTE: Overburden isopachs and mining ratios are not drawn beyond dotted line because of insufficient data.

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

Split line of the Cherokee bed

4467 III NW (WAMSUTTER) | 4467 I NW (CRESTON JUNCTION) | (EIGHTMILE LAKE) 4467 II SW | (SEAVERSON RESERVOIR) 4467 II SW

EXPLANATION

200

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 50 feet (15.2 m) over strippable coal and 100 feet (30.5 m) beyond the stripping-limit line.

10

INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, between the upper and lower splits of the coal bed. Isopach interval is 10 feet (3.1 m).

O 87

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

O 109
10.5

DRILL HOLE - Showing thickness of overburden, in feet, from the surface to the top of the coal bed and thickness of interburden, in feet, between the upper and lower splits of the coal bed.

10

MINING-RATIO CONTOURS - 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).

La-3 - Latham No. 3

COAL BED SYMBOL AND NAME

La-3

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 0.3048.

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

Base from U.S. Geological Survey, 1967

Compiled in 1977/1978

SCALE 1:24000

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

GN MN
1°52' 33 MILS
15° 267 MILS
UTM GRID AND 1967 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 CRESTON QUADRANGLE, SWEETWATER AND CARBON COUNTIES, WYOMING

BY
DAMES & MOORE
1978

PLATE 20

OVERBURDEN AND INTERBURDEN ISOPACH AND MINING RATIO MAPS OF THE LATHAM NO. 3 COAL BED AND THE CHEROKEE COAL BED AND SPLITS