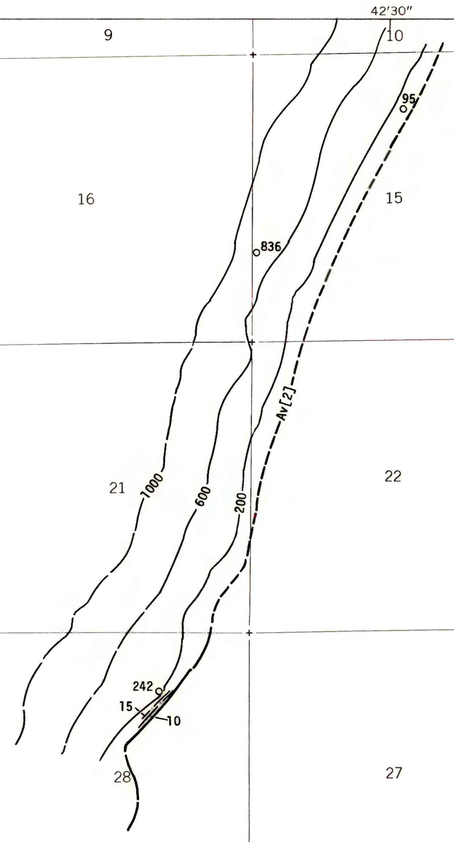
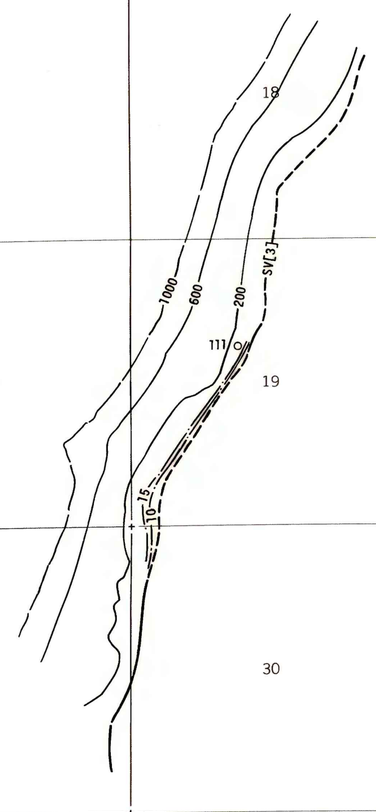
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

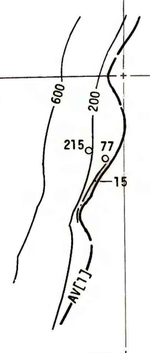
RAGAN QUADRANGLE
WYOMING – UINTA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3866 IV NE (LITTLE DEE CREEK)
3866 I NE (BRIDGER)
3866 I NW (MEADOW DRAW)
3866 IV SE (GUILD HOLLOW)
3866 I SE (LEROY)
3866 III NE (SULPHUR CREEK RESERVOIR)
3866 II NE (HAGUE CREEK)
(PIEDMONT RESERVOIR) 3866 II NW

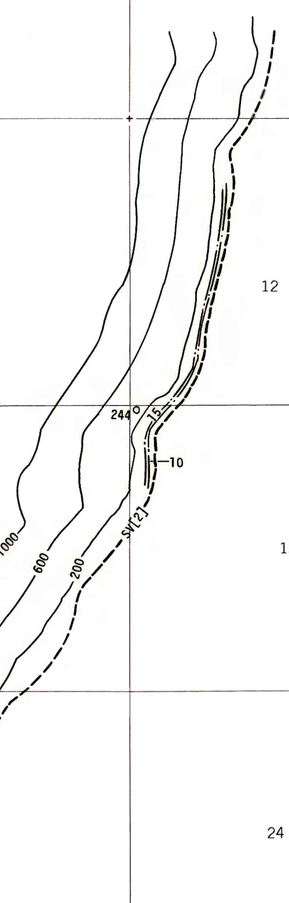
110°45′ — 110°37′30″ — 41°22′30″ — 41°15′ — 42′30″ — 40′ — 20′ — 17′30″
R. 118 W. — R. 117 W.
T. 16 N. — T. 15 N.







NOTE: The 10 mining ratio contour has been omitted because of crowding

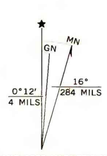


Base from U.S. Geological Survey, 1965

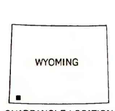
Compiled in 1977/1978

SCALE 1:24 000

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



UTM GRID AND 1965 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE RAGAN QUADRANGLE, UINTA COUNTY, WYOMING

BY

DAMES & MOORE

1979

OPEN FILE REPORT 79-1020
PLATE 10 OF 20

EXPLANATION

600

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 200 feet (61 m) over strippable coal and 400 feet (122 m) beyond the stripping-limit line.

244

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of 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). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

Av - Adaville, undifferentiated
SV - Spring Valley

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

SV[3]

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.

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

PLATE 10

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE SPRING VALLEY [2], THE SPRING VALLEY [3], THE ADAVILLE [1], AND THE ADAVILLE [2] COAL BEDS