DEPARTMENT OF THE INTERIOR MONTANA-BIG HORN CO. 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY R 39 E 107°00′ 45°15′ 4574 I SE (SPRING CREEK RANCH) R. 37 E. 11 10 12 16 14 17 13 15 22 23 20 21 24 28 27 29 25 33 32 10 12 13 17 15 13 20 19 22 21 107°07'30" R. 37 E. R. 38 E.

Base map from U.S. Geological Survey, 1967 SCALE 1:24 000

UNITED STATES

COAL RESOURCE OCCURRENCE MAP OF THE BAR V RANCH NE UTM GRID AND 1 GO TEN THAT PHANGLE, BIG HORN COUNTY, MONTA A LOCATION

BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

OPEN FILE REPORT 79-644 PLATE 12 OF 26

BAR V RANCH NE QUADRANGLE

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

EXPLANATION

OVERBURDEN ISOPACH—Showing thickness of over-burden, in feet, from the surface to the top of the coal bed. Overburden isopachs within the stripping limit are omitted where they are too close to a mining-ratio contour for map readability. Isopach interval 100 feet (30.5 m).

BOUNDARY OF COAL 5 FEET OR MORE THICK— Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal, and/or the 5-foot coal isopach, and/or the fault boundary of coal. Arrows point toward area of coal 5 feet or more thick.

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

FAULT-Dashed where approximately located. U, up-

thrown side; D, downthrown side.

MINING-RATIO CONTOUR-Number indicates cubic yards of overburden per short ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limits.

To convert feet to meters, multiply feet by 0.3048.

To convert yds³/ton to m³/metric ton, multiply yds³/ton by