POKER JIM BUTTE QUADRANGLE UNITED STATES DEPARTMENT OF THE INTERIOR MONTANA 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 4774 IV NE (GREEN CREEK) 106°22′30″ 45°22′30″ R 43 F R 44 F 28 25 30 31 32 T. 6 S. 12 10 16 14 17 17 20 17'30" 17'30" Compiled in 1977 Base from U.S. Geological Survey, 1966 4000 5000 6000 7000 FEET 0°56′ 17 MILS MONTANA UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE POKER JIM BUTTE QUADRANGLE, ROSEBUD AND POWDER RIVER COUNTIES, MONTANA BY

QUADRANGLE LOCATION

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EXPLANATION

ISOPACHS OF THE COAL BED--Showing thickness, in feet. Dashed where projected beyond boundary of Reserve Base coal. Isopach interval 1 foot (0.3 m).

BOUNDARY OF RESERVE BASE COAL--Drawn along the outcrop of coal bed or the contact between burned and unburned coal where the coal bed is 5 feet (1.5 m) or more thick. Arrows point toward area of Reserve Base coal. Number is thickness, in feet, of coal bed at triangle. Plus (+) sign after number indicates incomplete measurement.

DRILL HOLE--Showing thickness of coal bed, in feet.

To convert feet to meters, multiply by 0.3.