UNITED STATES OTTER QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-POWDER RIVER CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°07′30″ 45°15′ 10' R 45 E o **3455** 17 21 22 35 T 7 S 0 3474 o 3489 12 10 11 13 15 18 45°07′30″ 106°15′ 21 24 19 (BEAR CREEK SCHOOL) 106°07′30″ R. 45 E. R. 46 E. Base from U.S. Geological Survey, 1972 Compiled in 1977 SCALE 1:24 000 MONTANA QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE OTTER QUADRANGLE, POWDER RIVER COUNTY, MONTANA

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PLATE 25
STRUCTURE CONTOUR MAP
OF THE COOK COAL BED

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This report has not been edited for

conformity with U.S. Geological Survey editorial standards or stratigraphic no-

PLATE 25 OF 59

EXPLANATION

STRUCTURE CONTOURS——Drawn on top of the coal bed. Dashed where projected beyond boundary of Reserve Base coal. Contour interval 20 feet (6.1 m). Datum is mean sea level. Hachures show closed depression.

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,
and the 5-foot (1.5-m) coal
isopach. Arrows point
toward area of Reserve Base
coal. Number is altitude,
in feet, of top of coal bed
at triangle.

FAULT--Dashed where approximately located; bar and ball on downthrown side.

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

To convert feet to meters, multiply feet by 0.3.