UNITED STATES OTTER QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-POWDER RIVER CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 45*15' 10 12 0 O 2585 STRUCTURE CONTOURS--Drawn on 13 23 20 21 22 DRILL HOLE--Showing altitude To convert feet to meters, 12'30" 12'30" 29 30 28 31 T 7 S T 8 S. **2581** O 12 11 10 13 18 16 15 14 15°07′30″ 106°15′ 24 (BEAR CREEK SCHOOL) 4774 II SW 106°07'30" R. 45 E. R. 46 E. Base from U.S. Geological Survey, 1972 Compiled in 1977 SCALE 1:24 000 MONTANA UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

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

> BY E. J. McKAY AND L. N. ROBINSON 1979

PLATE 45 STRUCTURE CONTOUR MAP OF THE UPPER FLOWERS-GOODALE COAL BED

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PLATE 45 OF 59

EXPLANATION

top of the coal bed. Dashed

where projected beyond boundary of Reserve Base coal. Contour interval 20 feet (6.1 m). Datum is

_____ B _____

BOUNDARY OF RESERVE BASE COAL--Drawn along the 1,000-foot overburden isopach, and an arc 3 miles (4.8 km) from nearest complete measurement of coal bed. Arrows point toward area of Reserve Base

0 2572

of the top of the coal bed,

multiply feet by 0.3.

mean sea level.

coal.

in feet.

menclature