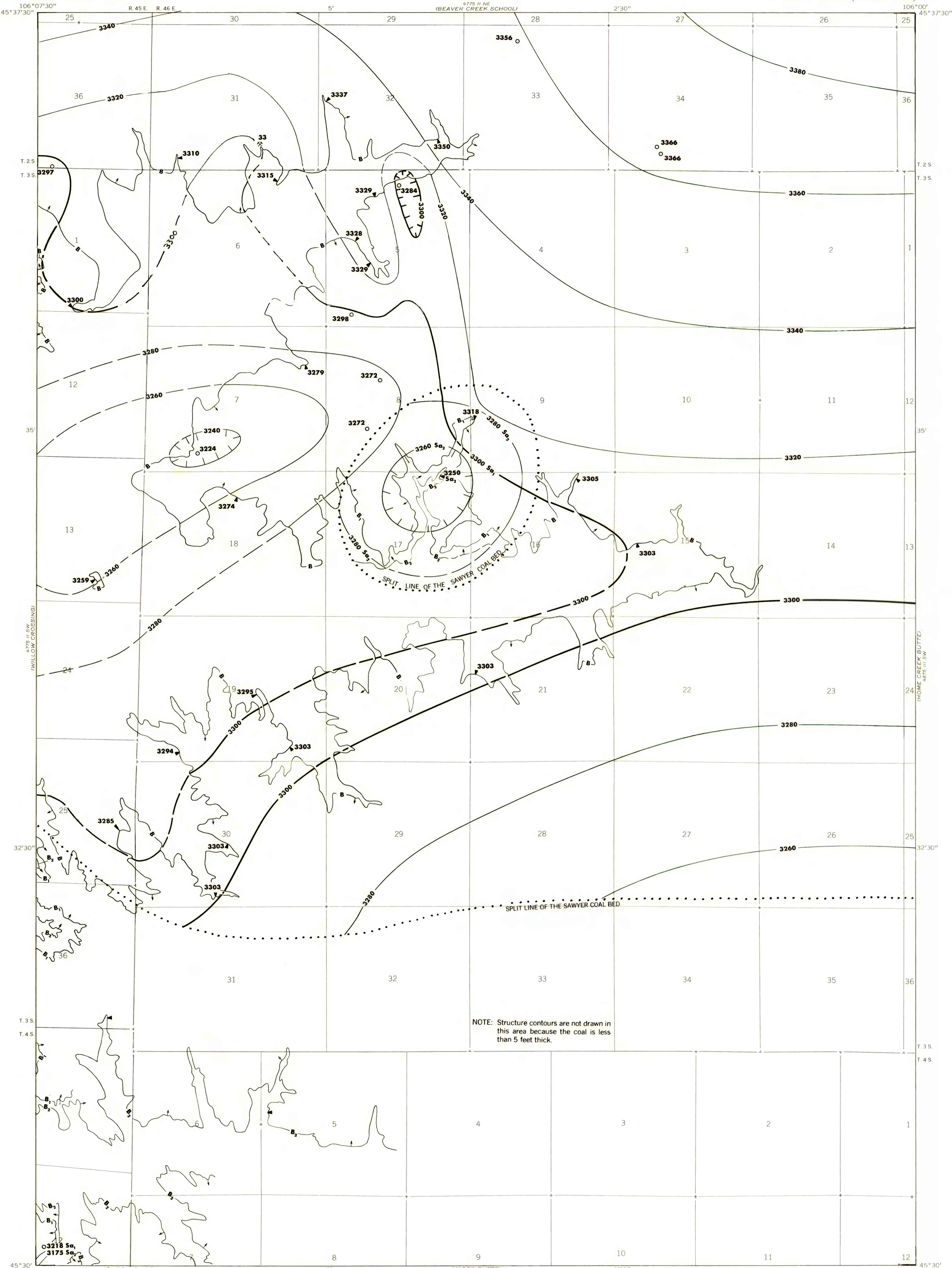
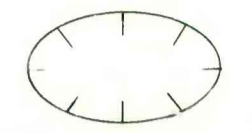


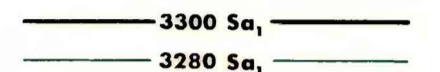
OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.



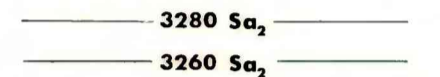
EXPLANATION



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



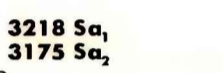
STRUCTURE CONTOURS—Drawn on the top of the Upper Sawyer split of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.



STRUCTURE CONTOURS—Drawn on the top of the Lower Sawyer split of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.



BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of the coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Number at triangle is altitude, in feet, at the top of the coal bed taken from topographic map at a point of coal thickness measurement. Subscript number on B indicates which coal split boundary is shown.



DRILL HOLE—Showing altitude at the top of the coal bed, in feet.



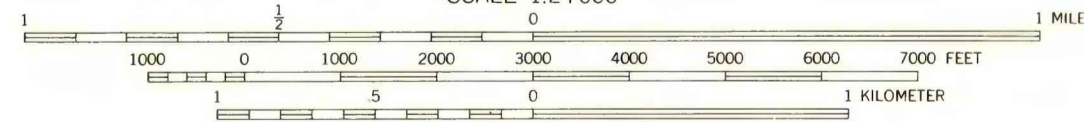
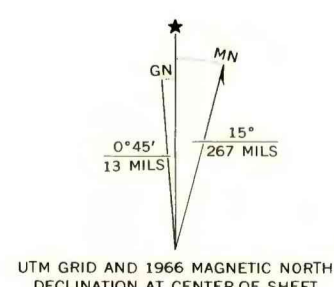
COAL MINE—Showing altitude at the top of the coal bed, in feet.

To convert feet to meters, multiply feet by 0.3048.

NOTE: Structure contours are not drawn in this area because the coal is less than 5 feet thick.

Base map from U.S. Geological Survey, 1966

Compiled in 1977



COAL RESOURCE OCCURRENCE MAP OF THE COLEMAN DRAW QUADRANGLE,  
POWDER RIVER COUNTY, MONTANA

BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979

PLATE 20  
STRUCTURE CONTOUR MAP OF  
THE SAWYER COAL BED  
AND ITS SPLITS