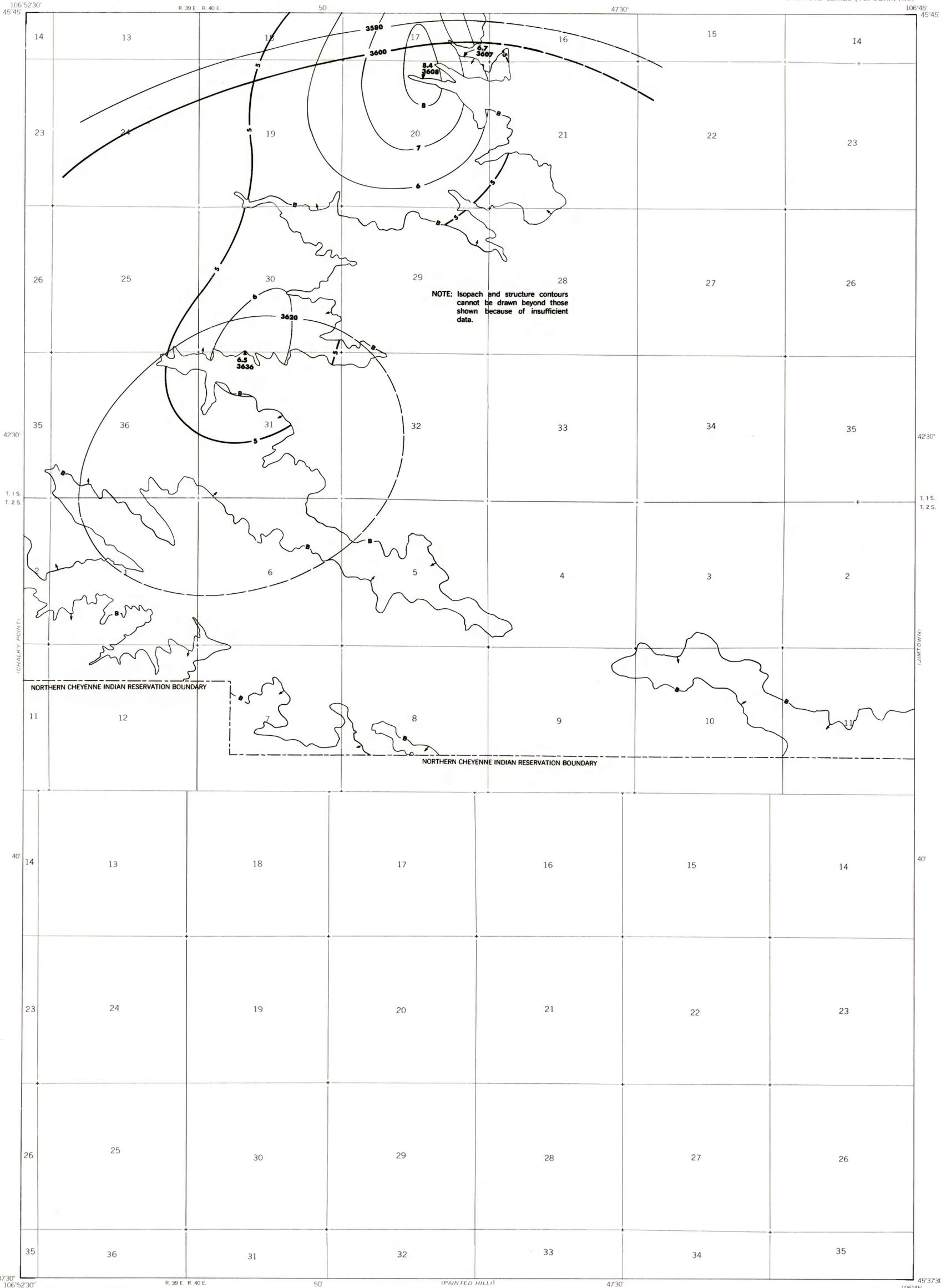
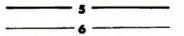


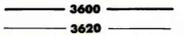
OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.



EXPLANATION



ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 1 foot.



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

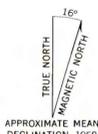


BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers are coal bed thickness and altitude on top of the coal bed, measured in feet.

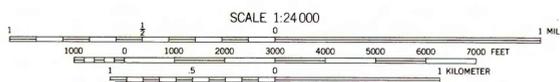
To convert feet to meters, multiply feet by 0.3048.

Base map from U.S. Geological Survey, 1958

Compiled in 1977



APPROXIMATE MEAN DECLINATION, 1958



QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE BLACK SPRING QUADRANGLE,
ROSEBUD AND BIG HORN COUNTIES, MONTANA

BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 4
ISOPACH AND STRUCTURE CONTOUR MAP
OF THE SAWYER COAL BED