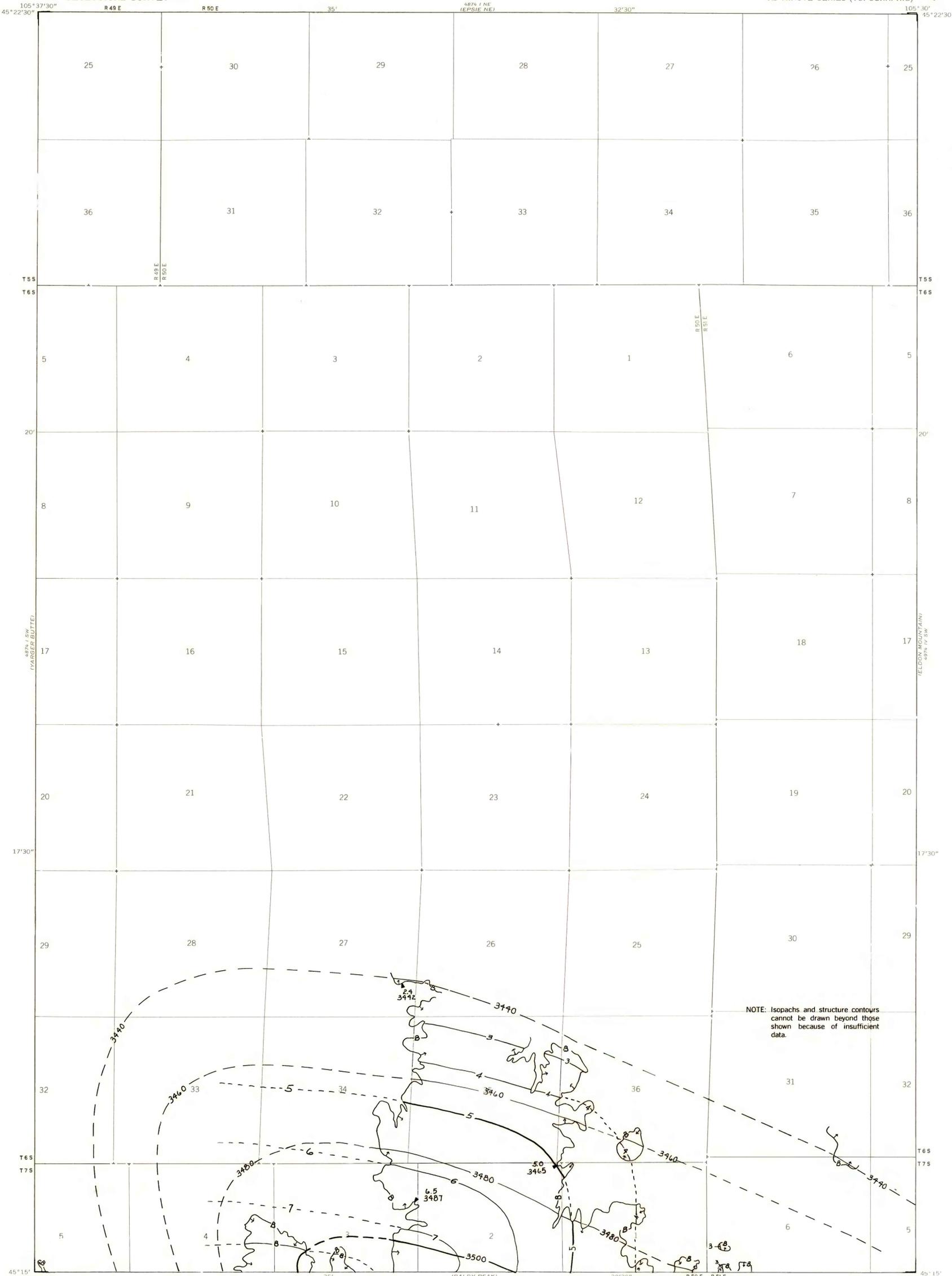


OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.



EXPLANATION

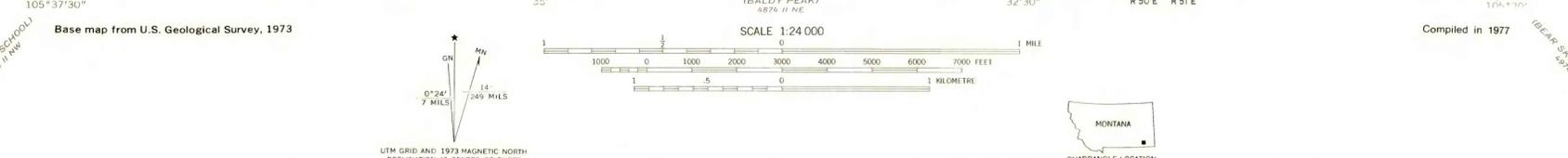
————— 5 —————
————— 4 —————
ISOPACHS OF THE COAL BED—Showing thickness, in feet. Isopach interval 1 foot.

————— 3500 —————
————— 3480 —————
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.

————— 6.5 —————
————— 3487 —————
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 at triangle are coal bed thickness and altitude at the top of the coal bed, measured in feet.

To convert feet to meters, multiply feet by 0.3048.

NOTE: Isopachs and structure contours cannot be drawn beyond those shown because of insufficient data.



**COAL RESOURCE OCCURRENCE MAP OF THE LONESOME PEAK QUADRANGLE,
POWDER RIVER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979**