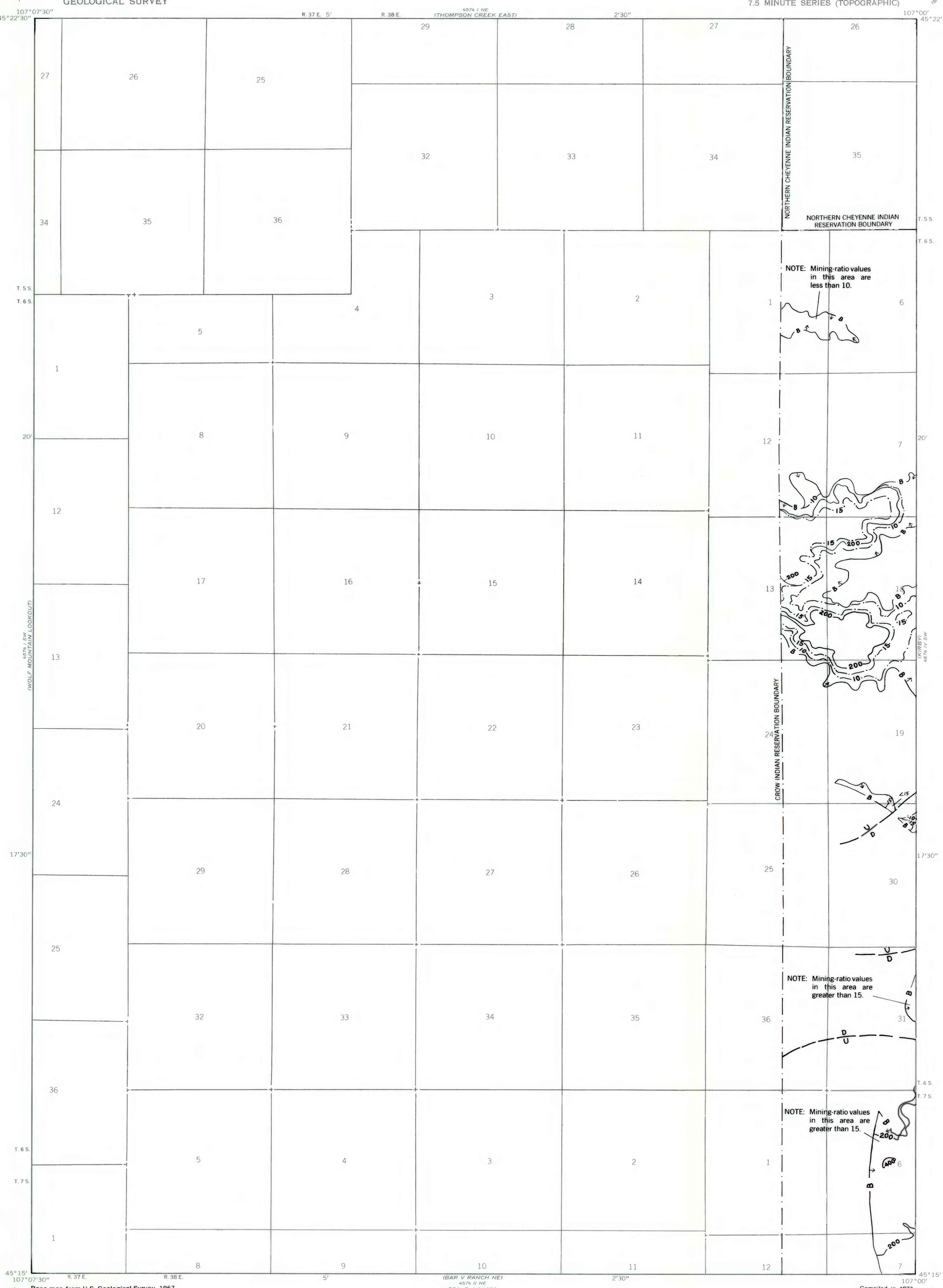
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SPRING CREEK RANCH QUADRANGLE
MONTANA–BIG HORN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-777
PLATE 8 OF 13

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



Base map from U.S. Geological Survey, 1967

SCALE 1:24 000

Compiled in 1977

UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

EXPLANATION

200

OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. The 100-foot isopach is omitted where it is too close to a mining-ratio contour for map readability. Isopach interval 200 feet (61 m).

B

BOUNDARY OF COAL 5 FEET OR MORE THICK—Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick.

U / D

FAULT—Dashed where approximately located. U, upthrown side; D, downthrown side.

10

MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit.

To convert feet to meters, multiply feet by 0.3048.

To convert yds³/ton to m³/metric ton, multiply yds³/ton by 0.842.

COAL RESOURCE OCCURRENCE MAP OF THE SPRING CREEK RANCH QUADRANGLE BIG HORN COUNTY, MONTANA

BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979

PLATE 8

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE CANYON COAL BED