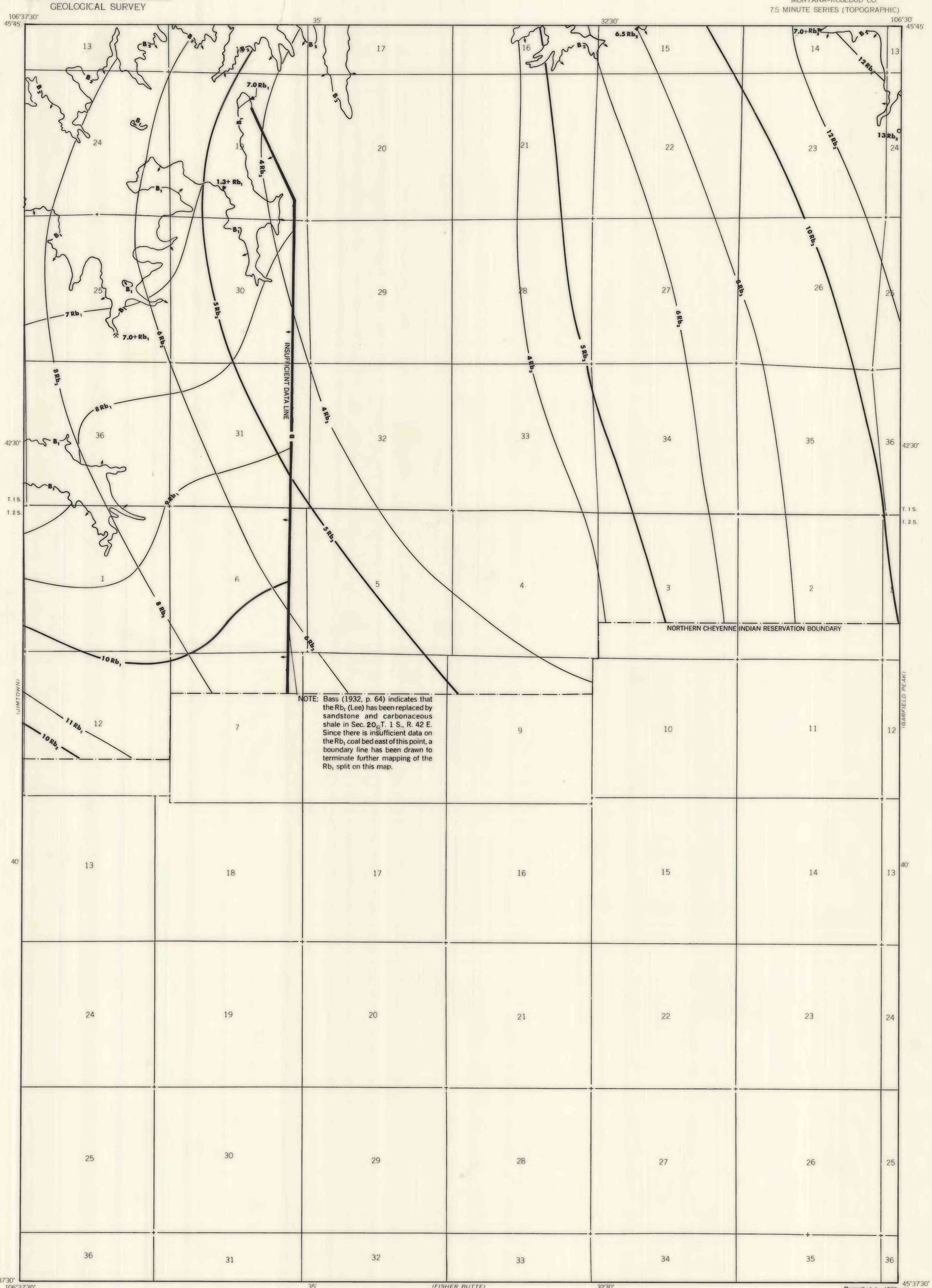
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BADGER PEAK QUADRANGLE
MONTANA–ROSEBUD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-002
PLATE 7 OF 16

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



NOTE: Bass (1932, p. 64) indicates that the Rb_1 (Lee) has been replaced by sandstone and carbonaceous shale in Sec. 20, T. 1 S., R. 42 E. Since there is insufficient data on the Rb_1 coal bed east of this point, a boundary line has been drawn to terminate further mapping of the Rb_1 split on this map.

EXPLANATION

10 Rb_1
9 Rb_1

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

10 Rb_2
8 Rb_2

ISOPACHS OF THE LOWER ROSEBUD SPLIT OF THE ROSEBUD COAL BED—Showing thickness, in feet. Isopach interval 2 feet with an intermediate 5-foot contour.

B

BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of coal bed 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 is thickness, in feet, of coal bed measured at triangle. Plus (+) sign after number indicates incomplete measurement. Subscript number on B indicates which coal split boundary is shown.

13 Rb_2 ○

DRILL HOLE—Showing thickness of the coal bed, in feet.

7.0+ Rb_1 ⚒

COAL MINE—Showing thickness of the coal bed, in feet.

To convert feet to meters, multiply feet by 0.3048.

Base map from U.S. Geological Survey, 1958

Compiled in 1977

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1958
16°
TRUE NORTH
MAGNETIC NORTH

MONTANA
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE BADGER PEAK QUADRANGLE, ROSEBUD COUNTY, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979

PLATE 7

ISOPACH MAP OF THE UPPER ROSEBUD AND THE LOWER ROSEBUD SPLITS OF THE ROSEBUD COAL BED