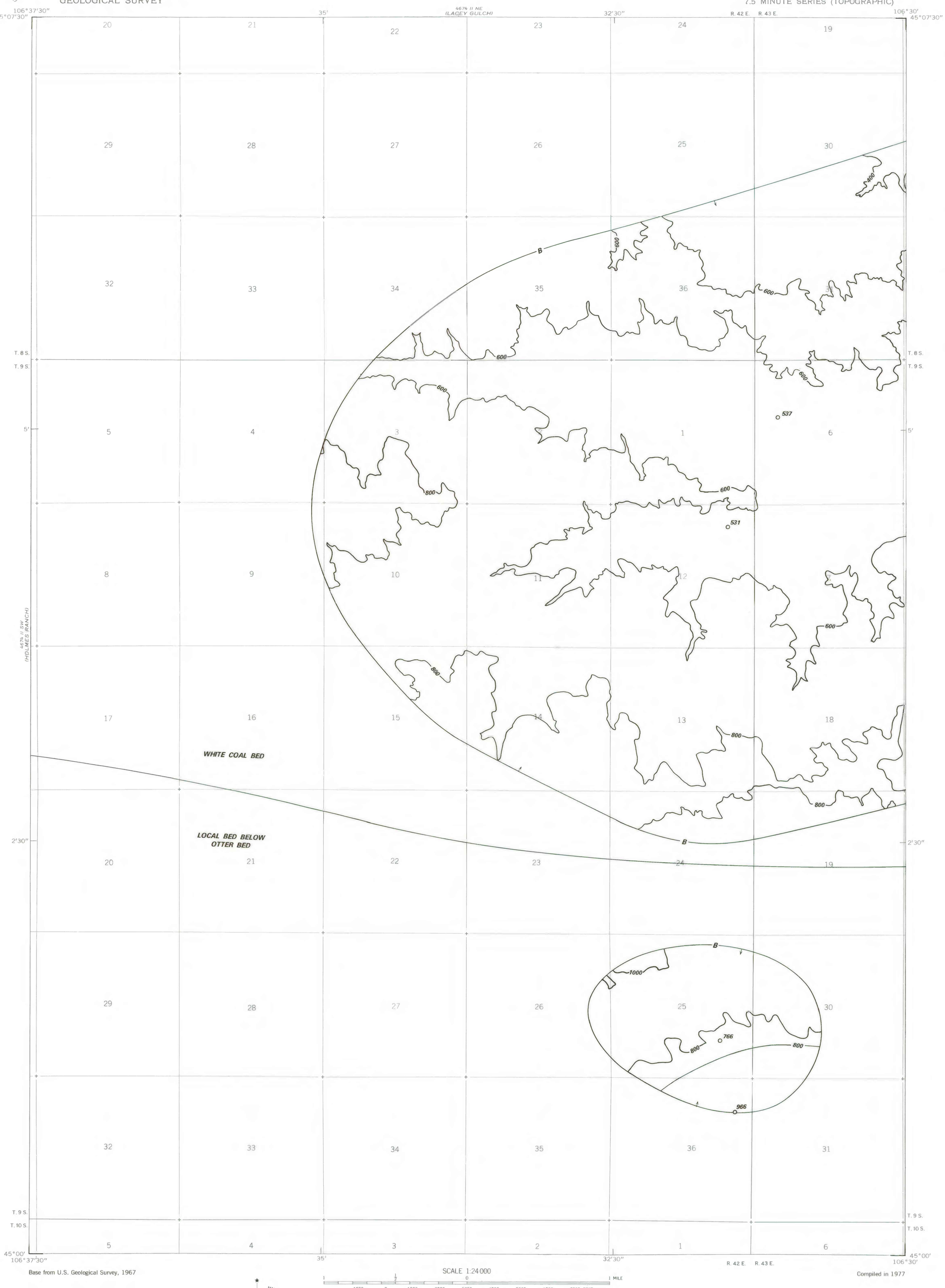
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PINE BUTTE SCHOOL QUADRANGLE
MONTANA–BIG HORN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Base from U.S. Geological Survey, 1967

Compiled in 1977

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

GN MN 1°06' 20 MILS 15½° 276 MILS

UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MONTANA

QUADRANGLE LOCATION

OPEN-FILE REPORT

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

OPEN-FILE REPORT 78-652

PLATE 36 OF 64

EXPLANATION

1000
800

OVERBURDEN ISOPACHS--Showing thickness of overburden, in feet, from surface to top of coal bed. Isopach interval 200 feet, maximum isopach shown is 1,000 feet.

531

DRILL HOLE--Showing thickness of overburden, in feet, from surface to top of coal bed.

B

BOUNDARY OF RESERVE BASE COAL--Drawn along the 5-foot (1.5 m) coal isopach. Arrows point toward Reserve Base coal.

To convert feet to meters, multiply by 0.3.

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE PINE BUTTE SCHOOL QUADRANGLE, BIG HORN COUNTY, MONTANA

By

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1978

PLATE 36
OVERBURDEN ISOPACH MAP OF THE WHITE COAL BED, AND THE LOCAL COAL BED BELOW THE OTTER COAL BED