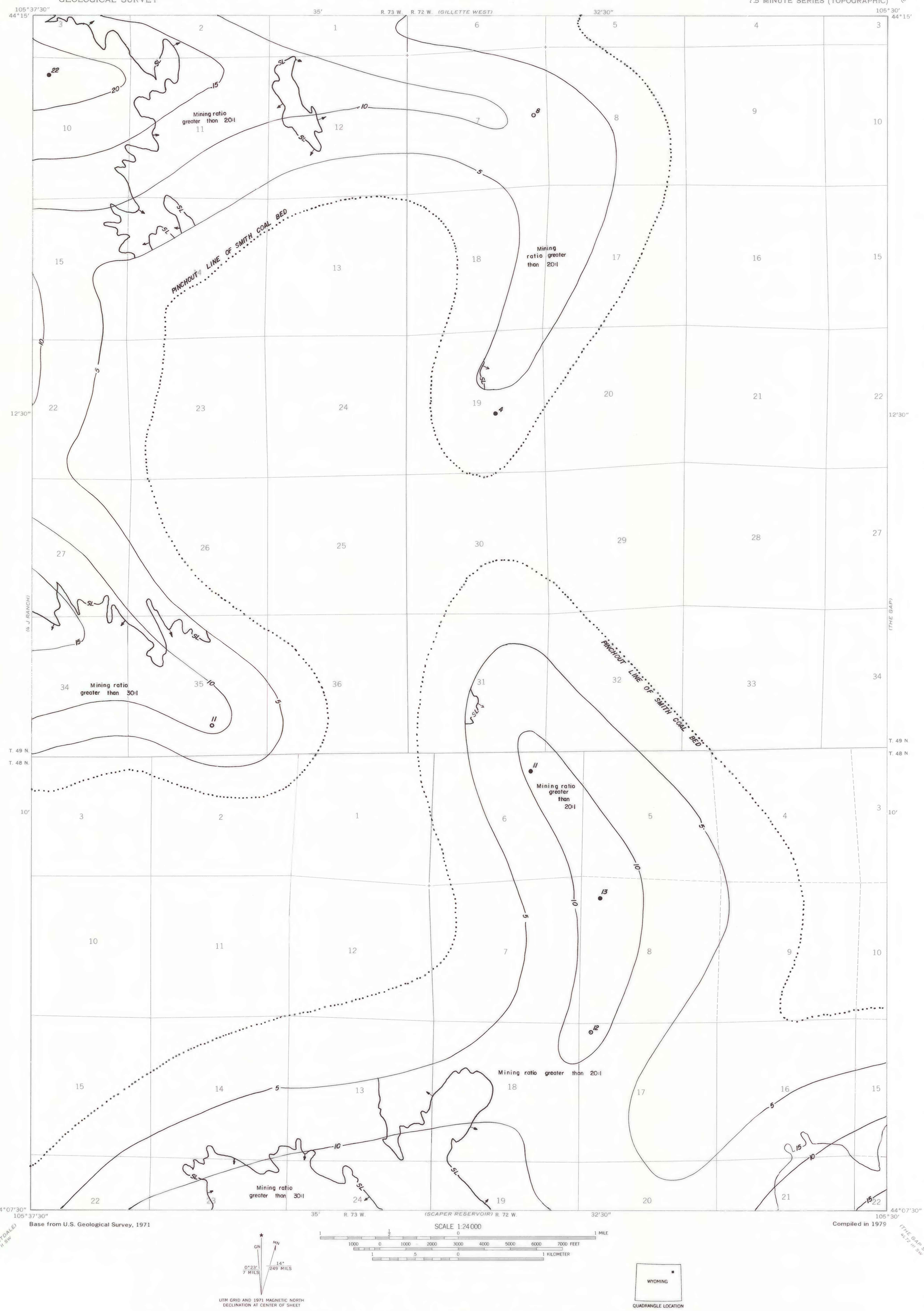
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPEL BUTTE QUADRANGLE
WYOMING—CAMPBELL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-047
PLATE 9 OF 30



EXPLANATION

5

ISOPACHS OF COAL BED-Showing thickness in feet, interval 5 feet.

8 11 12

DRILL HOLE-Showing coal thickness in feet.

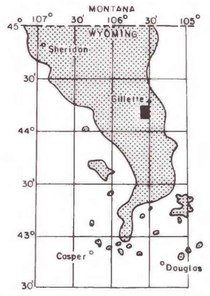
SL

STRIPPING LIMIT LINE-500 foot overburden isopach boundary for surface mining of coal. Arrow indicates area suitable for surface mining.

15

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

To convert feet to meters multiply feet by 0.3048.



MAP SHOWING LOCATION OF THE APPEL BUTTE QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

SCALE 1:24000

1 MILE
1000 FEET
1 KILOMETER

GN MN 14° 249 MILS 0°23' 7 MILS

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING
QUADRANGLE LOCATION

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

COAL RESOURCE OCCURRENCE MAP OF THE APPEL BUTTE QUADRANGLE, CAMPBELL COUNTY, WYOMING

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PLATE 9
ISOPACH AND MINING RATIO MAP OF SMITH COAL BED