UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEAD HORSE LAKE QUADRANGLE
WYOMING
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 78-066
PLATE 1 OF 39

4874 II SW (BRADSHAW CREEK) · 4874 III SE · 4874 II SW (THREE BAR RANCH)

105°52'30" · 105°45' · 45°00' · 50' · 47'30" · 57'30" · 55'

R. 75 W. · R. 74 W. (MOORHEAD)

T. 58 N. · T. 57 N.

4873 IV NW (BLACK DRAW) · 4873 I NW (CORRAL CREEK)

4873 IV SW (KLINE DRAW) · 4873 I SW (HOMESTEAD DRAW SW)

R. 75 W. · R. 74 W. (RESERVOIR CREEK) 4873 IV SE

44°52'30"

Base from U.S. Geological Survey, 1971

Compiled in 1978

SCALE 1:24000

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

GN · MN · 0°29' 9 MILS · 14½° 258 MILS

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

WYOMING

QUADRANGLE LOCATION

EXPLANATION

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OIL AND GAS TEST HOLE—Showing index number of hole on plate 3 of CRO map and drill hole data, in feet.

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COAL TEST HOLE

GL —Ground level elevation
NR —No record
R —Rock interval
C —Coal interval
TD —Total depth

DRILL HOLE DATA SYMBOLS

A Anderson
C Canyon
UC Upper Canyon
LC Lower Canyon
Co Cook
W Wall
P Pawnee
Ca Cache
O Oedekoven
L Local coal bed

COAL BED SYMBOLS AND NAMES

↑ LC 16.5 *

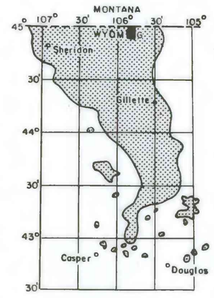
TRACE OF COAL BED OUTCROP—Showing thickness of coal, in feet, measured at triangle. Asterisk designates measured section was used in isopach mapping. Letter and number designate the name of the coal bed as listed above. Arrow points toward the coal-bearing area.

BURNED AND CLINKERED COAL BED—Showing area of baked and fused rock (v symbol). Dotted line indicates the inferred limit of burning.

To convert feet to meters, multiply feet by 0.3048.

Two U. S. Geological Survey publications, The Moorhead Coalfield (Bryson and Bass, 1973) and The Spotted Horse Coalfield (Olive, 1957) join at the Montana-Wyoming state line. Coal bed nomenclature, identification , and mapping are in disagreement on either side of the state line. The following table sets forth the coal bed nomenclature relationship between the Deadhorse Lake Quadrangle, that relates to Olive's work, and the Moorhead Quadrangle that utilizes Bryson and Bass' publication.

Dead Horse Lake Quadrangle	Moorhead Quadrangle
Anderson	Dietz
Upper Canyon	Canyon east of Bitter Creek
	Upper Cook west of Bitter Creek
Lower Canyon	Upper Cook east of Bitter Creek
	Lower Cook west of Bitter Creek
Cook	Lower Cook and #5 east of Bitter Creek
	#5 west of Bitter Creek
No equivalent	#5A
Wall	Pawnee
Pawnee	Cache



MAP SHOWING LOCATION OF THE DEAD HORSE LAKE QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYO.

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

COAL RESOURCE OCCURRENCE MAP OF THE DEAD HORSE LAKE QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY

IntraSearch

1978

PLATE 1
COAL DATA MAP