Open-File Report 79-1052
PLATE 8 OF 8

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

R 47 E | R 48 E | R 49 E | R 50 E | RICHLAND CO. | R 51 E | R 52 E

DAWSON CO.

T 22 N.

T 21 N.

T 20 N.

T 19 N.

T 18 N.

R 47 E | R 48 E | R 49 E | R 50 E | R 51 E | R 52 E | R 53 E

McCONE CO. | DAWSON CO.

Richey

LIMIT OF DATA OF Q BED

Cow Creek | Duck Creek | Redwater River | Sullivan Creek | Big Muddy Creek | Cottonwood Creek | Circle | Richey | Missouri River

GREAT NORTHERN | MILWAUKEE NORTHERN

EXPLANATION

- COAL OUTCROP--Showing thickness of rock and coal measured at triangle (IC, impure coal); dashed where approximately located[2]
- ABANDONED COAL MINE--Showing thickness of rock and coal[2]
- BAKED AND FUSED ROCK--Dotted line indicates inferred extent of burned coal
- BAKED AND FUSED ROCK OF LIMITED LATERAL EXTENT
- OIL WELL--With identification number
- WATER WELL--With identification number
- DRILL HOLE--With identification number[1]
- DRILL HOLE DATA--Showing surface elevation, thickness of gravel, rock, coal[2], and total hole depth
- NR NO RECORD
- DI DEPTH INTERPRETED
- ISOPACH OF Q BED OR FIRST Q BENCH--Dashed where approximately located, short dashed where inferred; isopach interval 2 feet
- ISOPACH OF INTERBURDEN BETWEEN TOP OF S ZONE AND Q BED OR FIRST Q BENCH--Approximately located, isopach interval 10 feet
- TRACE OF CORRELATION DIAGRAMS--For correlation diagrams see plate 1
- ISOPACH OF P BED OR P BENCHES--Approximately located, isopach interval 2 feet

[1]USGS, United States Geological Survey - Montana Bureau of Mines and Geology; S, Montana Bureau of Mines and Geology; WC and HFC, company drill hole

[2]Letter or name indicates name of bed (Pust, Pust bed; Pust 1-1, first split of first Pust bench; Pust 1-2, second split of first Pust bench; Pust 1-3, third split of first Pust bench; Pust 2, second Pust bench; P, P bed; P1, first P bench; P2, second P bench; Q, Q bed; Q1, first Q bench; Q2, second Q bench; R, R bed; R1, first R bench; R2, second R bench; R2-1, first split of second R bench; R2-2, second split of second R bench; Ri, local bed in the R bed interval; L1, L1 bed; L1 1, first L1 bench; L1 2, second L1 bench; S, S bed; S1, first S bench; S1-1, first split of first S bench; S1-2, second split of first S bench; S1-3, third split of first S bench; S2, second S bench; S2-1, first split of second S bench; S2-2, second split of second S bench; T, T bed, U, U bed; L, local bed; L1 3, third L1 bench

All measurements in feet (to convert to meters, multiply by 0.3048)

ISOPACH MAP OF Q BED OR FIRST Q BENCH
ISOPACH MAP OF INTERBURDEN BETWEEN S ZONE AND Q BED OR FIRST Q BENCH
LOCATION MAP OF CORRELATION DIAGRAMS A—A', B—B', C—C' AND D—A'
ISOPACH MAP OF P BED OR P BENCHES

NORTHEAST CIRCLE AREA

MC CONE AND DAWSON COUNTIES, MONTANA

SCALE 1:63,360

1/2 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS

DATUM IS MEAN SEA LEVEL

THIS REPORT HAS NOT BEEN EDITED FOR CONFORMITY WITH GEOLOGICAL SURVEY EDITORIAL STANDARDS OR STRATIGRAPHIC NOMENCLATURE.