STRUCTURE MAP ON TOP OF COAL BED A, PUMPKIN CREEK EMRIA STUDY SITE, POWDER RIVER COUNTY, MONTANA, SHOWING THE CATEGORIES OF COAL RESOURCES
LISTED ON TABLES 1 AND 2.
LOISIE CREEK AND ELVIRE QUARRIES,
POWDER RIVER COUNTY, MONTANA

BY
Margarette Glenn
1978

EXPLANATION

OUTCROP OF COAL BED A & OF THE TUNKER RIVER MEMBER, FONTIEN FORMATION (PASSEZIAN)
CROSSHATCHED (GREY) — Area of outcrop of coal bed A. Thickness of coal is shown in feet. Approximate altitude of top of bed A shown in feet above base of sea level

STRUCTURE LINES — Lines on top of coal bed A. Number is altitude above mean sea level (contour interval 20 feet (6.1 meters))

APPROXIMATE DIRECTIONS OF ONSET OF COAL BED A — Area of clear line shows the parting separating coal bed A from the Hawker is more than 2 feet (0.61 meters) thick

RESOURCE AREA CONTACT

RESERVE AREA CONTACT WHERE OVERBURDEN EXCEEDS 200 FEET (61 METERS) — Area of very small areas with more than 200 feet (61 meters) of overburden separation were not separated from those of the adjoining areas with less than 200 feet (61 meters) of overburden

AREA OF MEASURED RESOURCES — Area that is within 0.25 mile (0.40 km) of a point of observation on the coal bed

AREA OF INDICATED RESOURCES — Area that is between 0.25 mile (0.40 km) and 0.75 mile (1.21 km) of point of observation on the coal bed

AREA OF INFERRED RESOURCES — Area that is more than 0.75 mile (1.21 km) from a point of observation on the coal bed

DEED HOLE — Number shown above altitude of top of coal bed A shown in feet above mean sea level

Holes drilled for the EMRIA study are shown as follows:

F961, Hole drilled by U.S. Geological Survey
7705, Hole drilled by U.S. Bureau of Reclamation
77116, Hole drilled by Montana Bureau of Mines and Geology and U.S. Geological Survey

Previously drilled holes from which data (Malone, Blumer, and Vatere, 1973, pls. 15, 17) geophysical and drillers' logs were used are shown as follows:

150-5, Hole drilled by U.S. Geological Survey
Pc6-Pc21, and Pc31, Holes drilled by Northern Pacific Railroad and Montana Bureau of Mines and Geology

REFERENCE


LOCALITY AND STRUCTURE CONTOUR MAPS OF THE PUMPKIN CREEK EMRIA STUDY SITE, POWDER RIVER COUNTY, MONTANA

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