UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NE 1/4 WAGON BOX MESA 15' QUADRANGLE
UTAH–GARFIELD CO

OPEN FILE REPORT 80-122
PLATE 12 OF 14

111°07'30" 05'00" R.7 E. R.8 E. 02'30" 111°00'
38°00'

T.32 S.
T.33 S.
T.34 S.
57'30"
55'00"
37°52'30"

RB 0.10 — — R(85%) 0.09 — —

Areal distribution and identified resources map of the Em[4] coal bed

RB — — 0.03 R(50%) — 0.02 —

Areal distribution and identified resources map of the Em[5] coal bed

Base from U.S. Geological Survey, 1953

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

Compiled in 1978/79

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

EXPLANATION

NON-FEDERAL COAL LAND - Land for which the Federal Government does not own the coal rights.

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ISOPACH - Showing thickness of coal, in feet. Arrow points toward area where coal bed is 5 feet or more thick.

Em - Emery coal zone

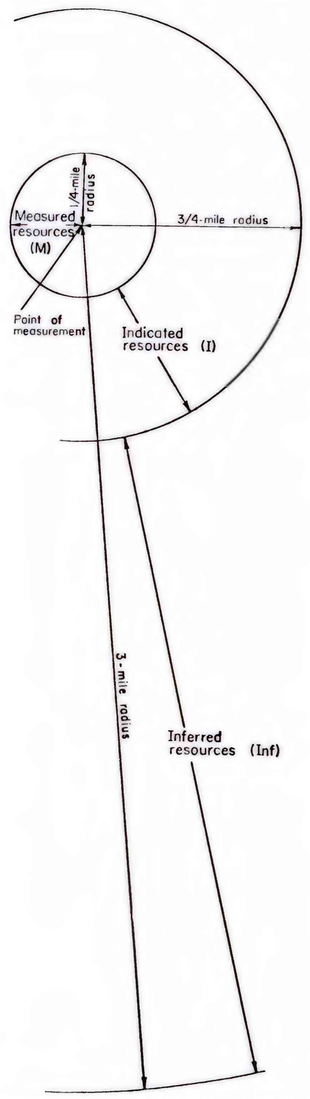
COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

Em

TRACE OF COAL ZONE OUTCROP - Showing symbol of name of coal zone as listed above. Arrow points toward coal-bearing area. Dashed where inferred.

RB	R(85%)	RB	R(50%)	
0.10	0.09	—	—	(Measured)
—	—	0.03	0.02	(Indicated)
—	—	—	—	(Inferred

IDENTIFIED COAL RESOURCES - Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part of section of non-leased Federal coal land, both within and beyond the stripping-limit line. Reserve (R) tonnage is calculated by multiplying the Reserve Base (RB) tonnage by the appropriate recovery factor. Dash indicates no resource in that category. Reserves have been calculated for a constant thickness of 12 feet for areas where the coal beds are more than 12 feet thick. Therefore, in some instances, underground Reserves may be less than 50 percent of the Reserve Base.



BOUNDARY LINES - Enclosing areas of measured (M), indicated (I), and inferred (Inf) coal resources.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert feet to meters, multiply feet by 0.3048.

To convert miles to kilometers, multiply miles by 1.6093.

COAL RESOURCE OCCURRENCE MAP OF THE NORTHEAST QUARTER OF THE WAGON BOX MESA 15-MINUTE QUADRANGLE, GARFIELD COUNTY, UTAH

BY

DAMES AND MOORE

1979

PLATE 12

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAPS OF THE EMERY [4] AND EMERY [5] COAL BEDS