DEPARTMENT OF THE INTERIOR SOUTHEAST DOTY MOUNTAIN QUADRANGLE **GEOLOGICAL SURVEY** WYOMING-CARBON CO. 107°37′30″ 41°22′30″ [7.5 MINUTE SERIES (TOPOGRAPHIC) R.90 W. 107°30′ 41°22′30″ 6866 10 11 10 7084 o⁶⁷⁶¹ Structure contours are not drawn beyond those shown because of insufficient data. 15 14 15 6754 7320 7120 22 22 o7153 4 7293 6641 7009 27 27 6740 33 34 T.16 N. T.15 N. 17'30" 10 06529 15 15 22 22 107°37′30″ 107*30' Base from U.S. Geological Survey, 1957 Compiled in 1979 1 5 0 WYOMING QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE DOTY MOUNTAIN 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY DAMES & MOORE 1979

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EXPLANATION

— **7**400 —— —— —

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet; long dashed where vertical accuracy possibly not within 40 feet; short dashed where projected above ground surface. Contour interval 100 feet (31 m). Datum is mean sea level.

O 7232

DRILL HOLE - Showing altitude of top of coal bed, in feet.

POINT OF MEASUREMENT - Showing altitude of top of coal bed, in feet.

GG - Garden Gulch

COAL BED SYMBOL AND NAME

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred; short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred or approxi-mately located.

To convert feet to meters, multiply feet by 0.3048.

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

PLATE 24

STRUCTURE CONTOUR MAP OF THE GARDEN GULCH COAL BED

UNITED STATES