

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SOUTHWEST DOTY MOUNTAIN QUADRANGLE  
WYOMING-CARBON CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

EXPLANATION

ISOPACHS - Showing thickness of coal, in feet. Isopach interval 1 foot.

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 200 feet (61 m) for the SC bed and 100 feet (31 m) for the A[3] bed. Datum is mean sea level.

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

POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal, in feet. Includes all points of measurement other than drill holes.

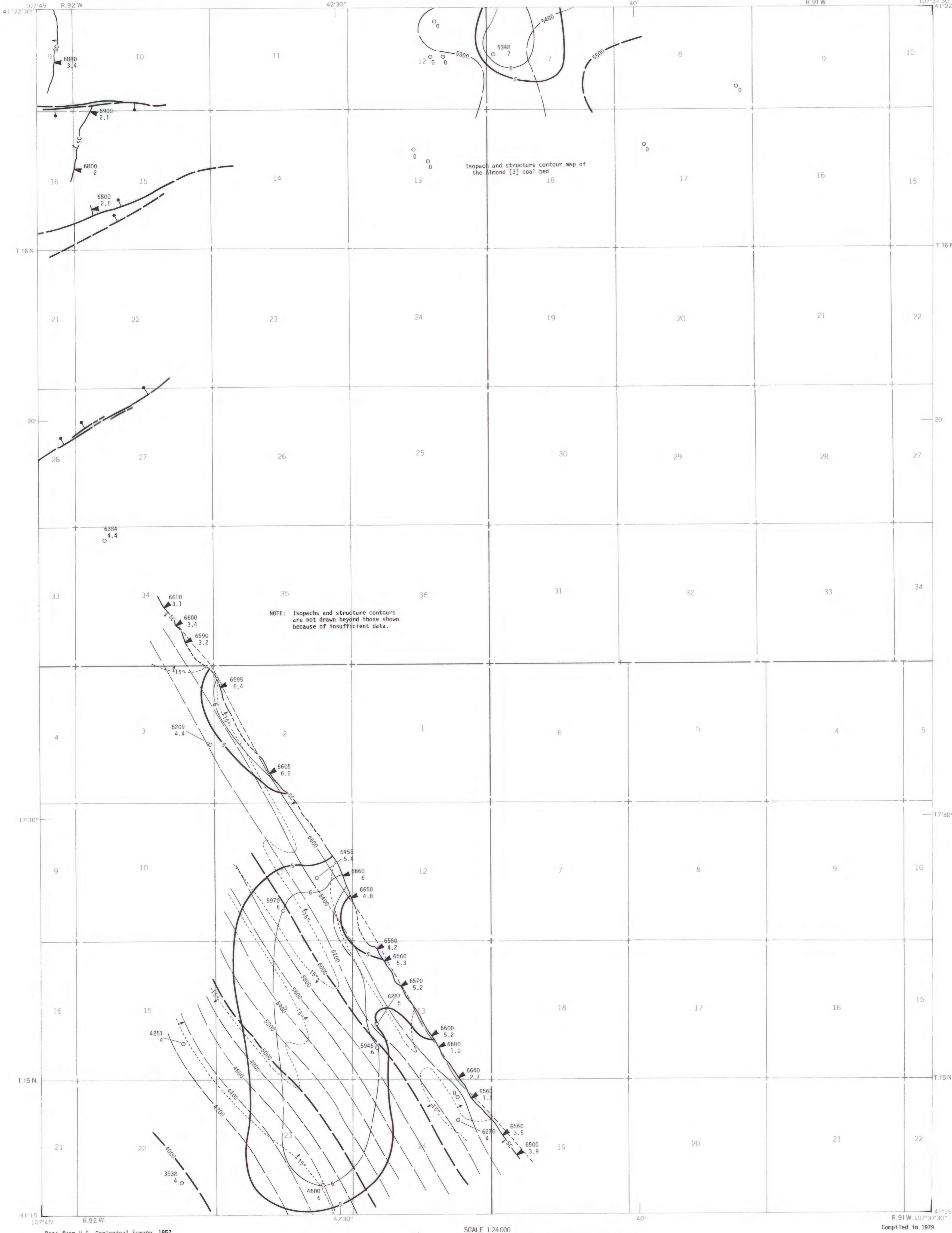
SC - Separation Creek

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.

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 when direction of movement is known. Dashed where inferred or approximately located.

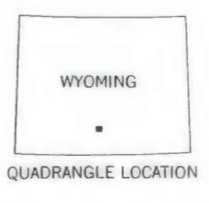
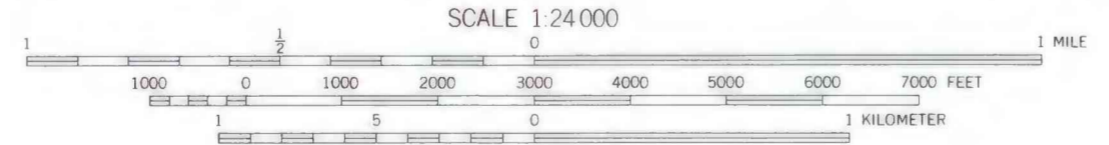
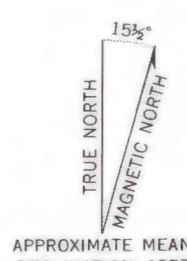
To convert feet to meters, multiply feet by 0.3048.



NOTE: Isopachs and structure contours are not drawn beyond those shown because of insufficient data.

Base from U.S. Geological Survey, 1957

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



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

BY  
**DAMES & MOORE**  
1979