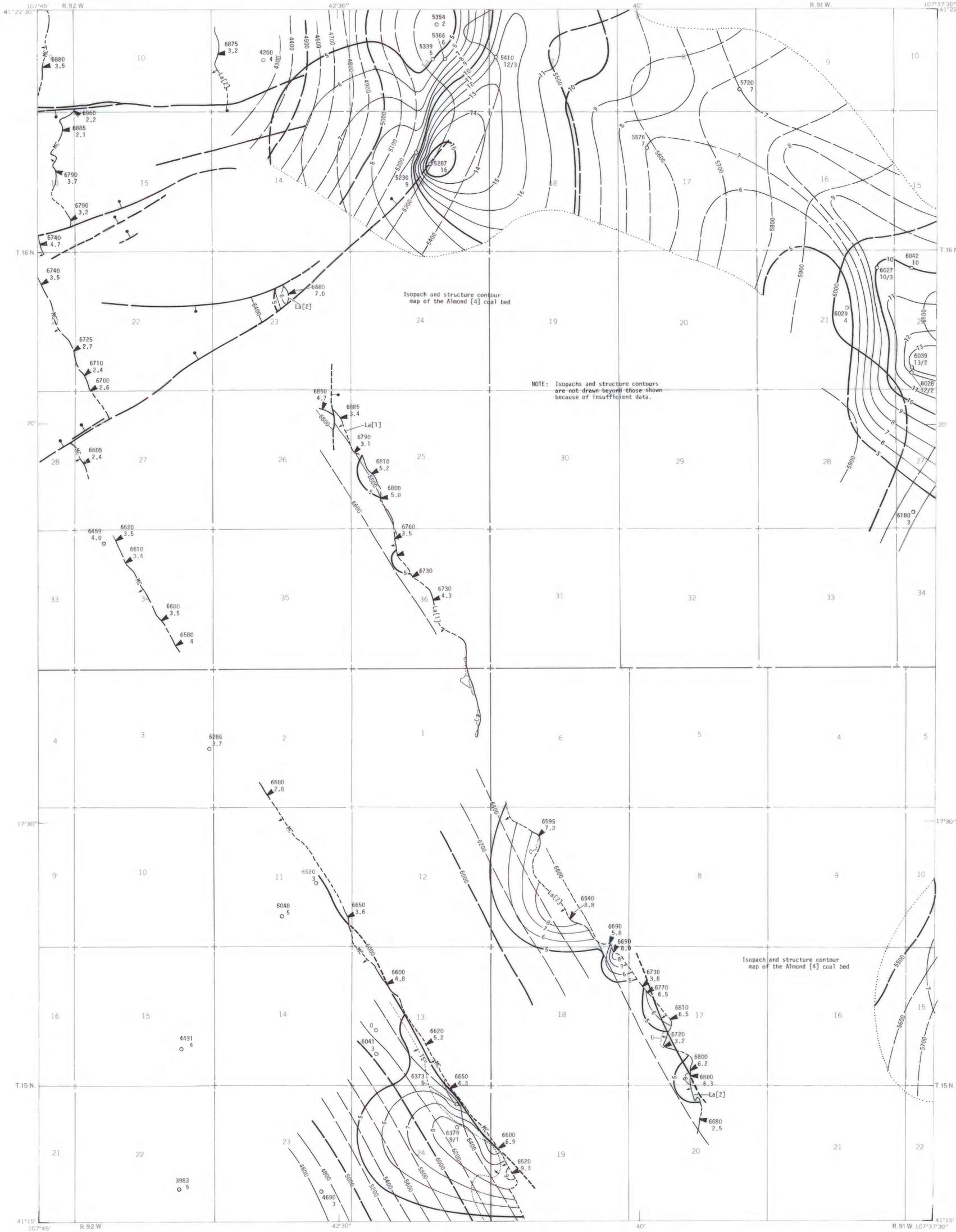


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

PLATE 13 OF 27



EXPLANATION

- ISOPACHS - Showing thickness of coal, in feet. Long dashed where inferred. 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 MC and La [1] beds and 100 feet (31 m) for the Al[4] bed. Datum is mean sea level.
- DRILL HOLE - Showing altitude of top of coal bed, and thickness of coal, in feet.
- INTERBEDDED COAL AND ROCK - Showing total coal thickness/rock thickness.
- POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal, in feet.
- MC - Muddy Creek
La[2] - Lance [2]
La[1] - Lance [1]
- 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.
- SUBSURFACE MINING LIMIT - Showing areas where dips of coal beds are greater than 15° and subsurface mining by conventional methods is not considered feasible. Reserve Base tonnages are calculated beyond limit; Reserve tonnages are not. Arrow points toward area where dips are greater than 15°.
- TRACE OF FAULT - Bar and ball on down-thrown side when direction of movement is known. Dashed where inferred or approximately located.
- INFERRED LIMIT OF BURNED AND CLINKERED COAL - Arrow points toward area of baked and fused rock.

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

Isopach and structure contour map of the Almond [4] coal bed

Isopach and structure contour map of the Almond [4] coal bed

Base from U.S. Geological Survey, 1957

SCALE 1:24 000

Compiled in 1979

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

PLATE 13
ISOPACH AND STRUCTURE CONTOUR
MAPS OF THE ALMOND [4], LANCE [1],
LANCE [2], AND MUDDY CREEK
COAL BEDS