

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

EXPLANATION



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.

○ 6561

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

▲ 7100

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

SC[3] - Separation Creek [3]
FU[1] - Fort Union [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.

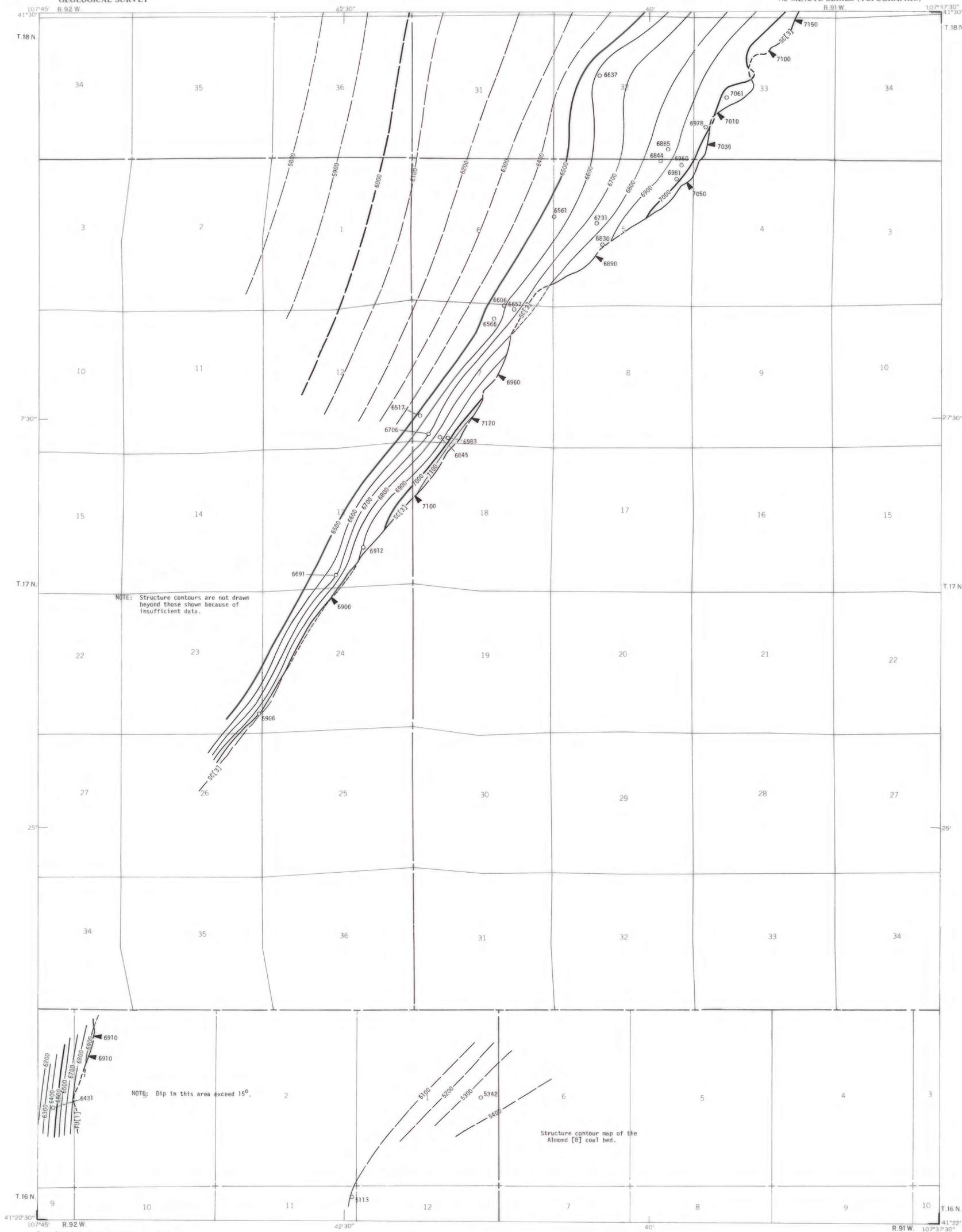
SC[3]

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

-----▲----- 15°

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 tonnages are calculated beyond limit; Reserve tonnages are not. Arrow points toward area where dips are greater than 15°.

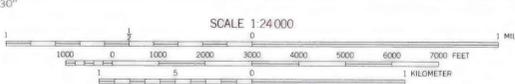
To convert feet to meters, multiply feet by 0.3048.



NOTE: Structure contours are not drawn beyond those shown because of insufficient data.

NOTE: Dip in this area exceed 15°.

Structure contour map of the Almond [8] coal bed.



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

COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE DOTY MOUNTAIN 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING
BY DAMES & MOORE 1979

PLATE 20
STRUCTURE CONTOUR MAP OF THE ALMOND [8], THE FORT UNION [1], AND SEPARATION CREEK [3] COAL BEDS