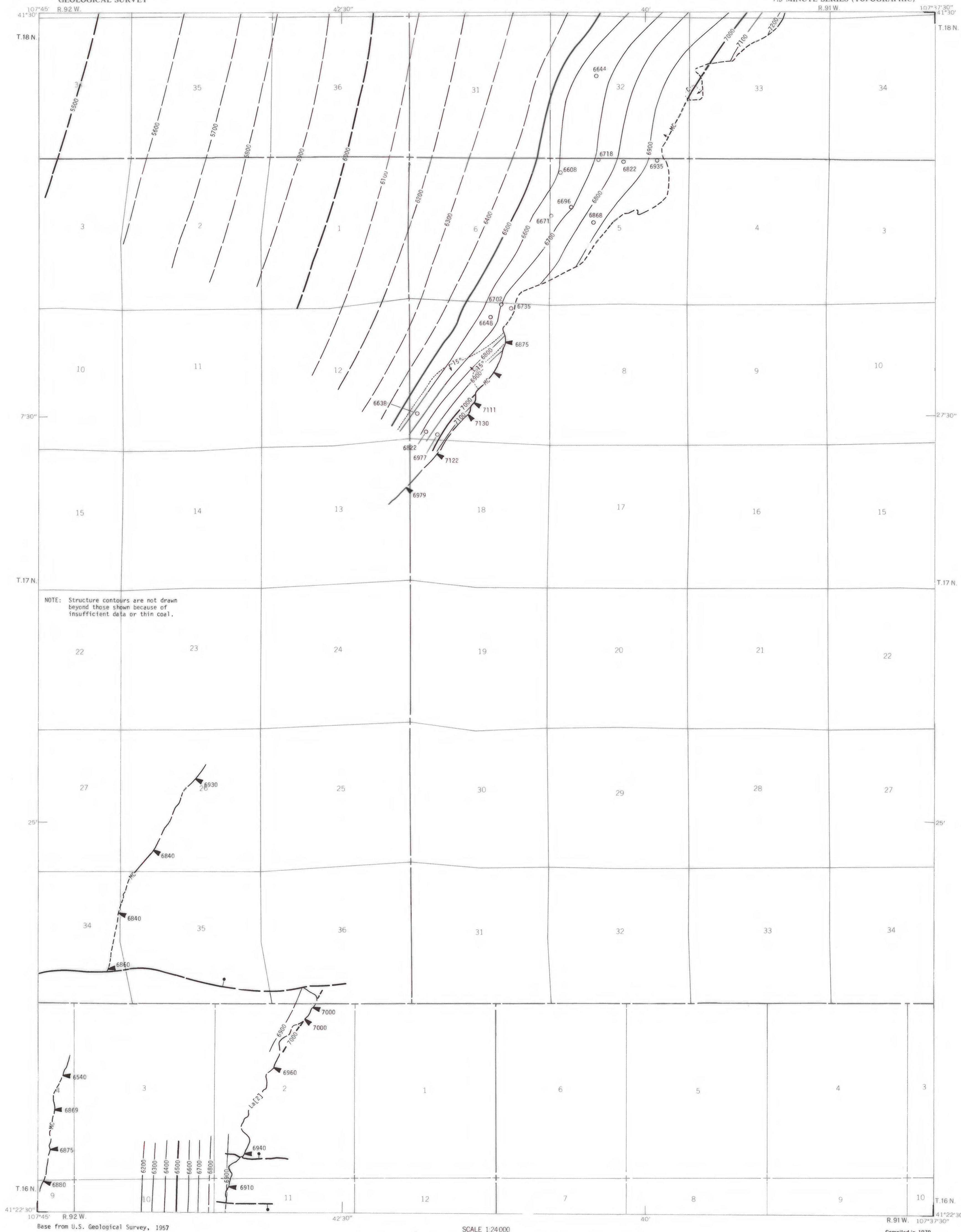


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

PLATE 24 OF 32



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

— 6500 —
— 6600 —

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.

○ 6702

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

▲ 7111

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

MC - Muddy Creek
La - Lance, undifferentiated

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.

— MC —

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

..... C

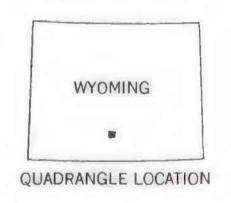
INFERRED LIMIT OF BURNED AND CLINKERED COAL - Arrow points toward area of baked and fused rock.

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.

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1957

SCALE 1:24 000
1 MILE
1 KILOMETER



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

PLATE 24
STRUCTURE CONTOUR MAP OF THE LANCE [2] AND MUDDY CREEK COAL BEDS