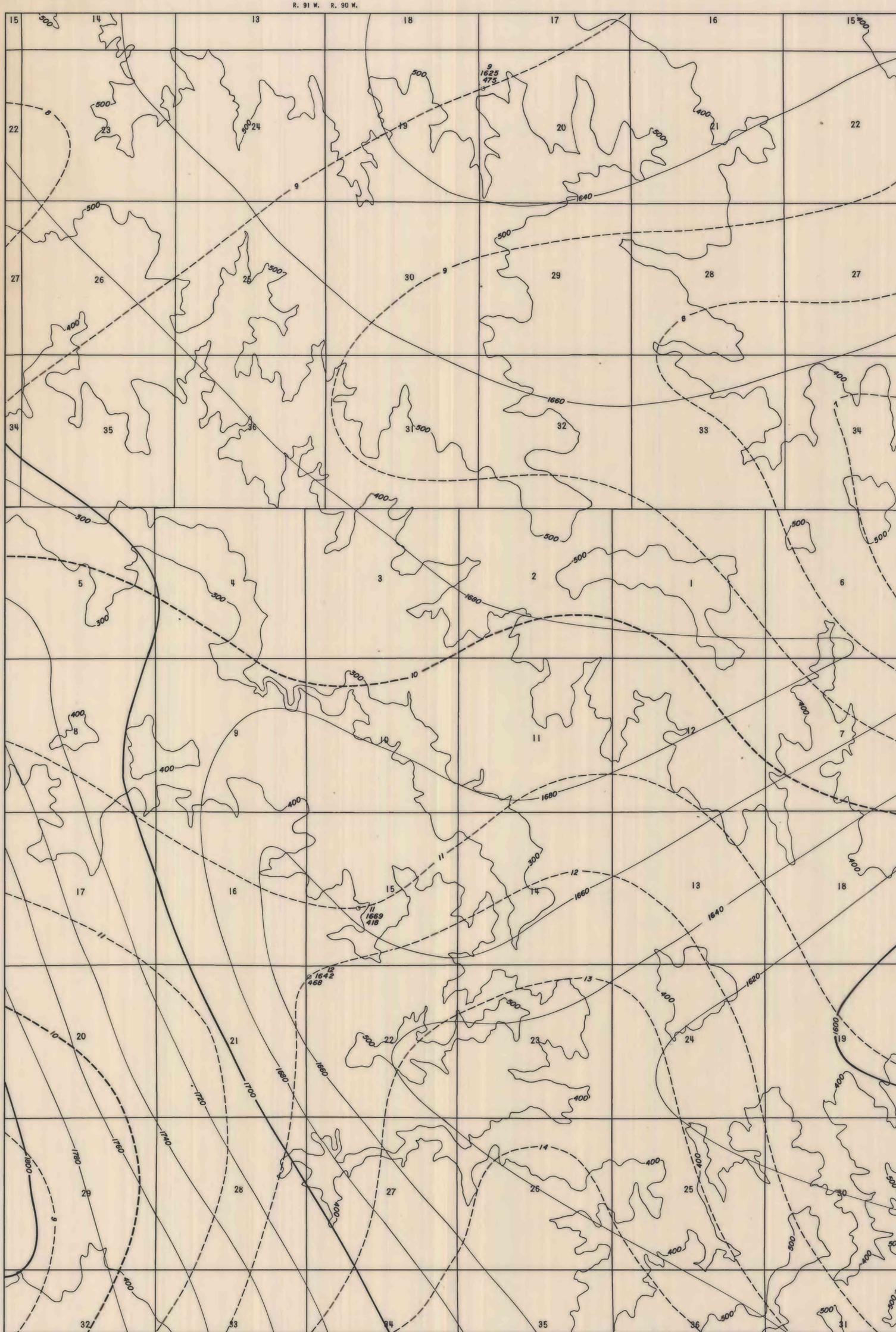
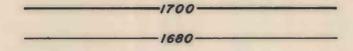


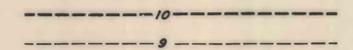
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



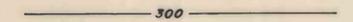
EXPLANATION



STRUCTURE CONTOURS--Drawn on the top of the coal bed. Contour interval is 20 feet (6.1m). Datum is mean sea level.



ISOPACH OF THE COAL BED--Showing thickness in feet. Isopach interval 1 foot (0.3m).



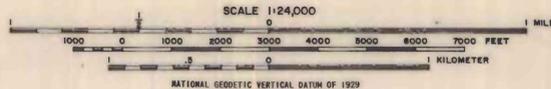
OVERBURDEN ISOPACH--Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval is 100 feet (30.5m).



DRILL HOLE--Showing thickness of coal bed (upper number), elevation of the top of coal bed (middle number), and overburden from the surface to the top of the coal bed (lower number), all in feet.

To convert feet to meters, multiply feet by 0.3048.

BASE FROM U.S. GEOLOGICAL SURVEY, 1970



R. 91 W. R. 90 W.

COMPILED IN 1978

COAL RESOURCE OCCURRENCE MAP OF THE DODGE QUADRANGLE,
DUNN AND MERCER COUNTIES, NORTH DAKOTA
BY
WOODWARD-CLYDE CONSULTANTS
1978

PLATE 10
ISOPACH, STRUCTURE CONTOUR AND OVERBURDEN MAP
OF THE HT BUTTE COAL BED