DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Open-File Report 77-482
PLATE 5

R. 100 W. | R. 99 W. | R. 98 W. | R. 97 W. | R. 96 W. | R. 95 W.

T. 142 N.
T. 141 N.
T. 140 N.
T. 139 N.
T. 138 N.

STRUCTURAL CONTOUR CONSTRUCTED ON TOP OF UPPERMOST BED IN C ZONE

C COAL ZONE

DICKINSON BED

CZ PINCH-OUT

DK PINCH-OUT

BILLINGS CO

STARK CO

DUNN CO

THEODORE ROOSEVELT NATIONAL MEMORIAL PARK

BELFIELD

DICKINSON

HEART RIVER

GREEN RIVER

NORWEGIAN CREEK

SOUTH HEART BRANCH

BURLINGTON NORTHERN

EXPLANATION

- BOUNDARY OF STUDY AREA
- COAL CROP LINE-Approximately located; letters indicates name of bed
- SUBSURFACE LIMIT OF COAL-Letters indicate name of bed
- -2380- STRUCTURAL CONTOUR LINE- Contour interval 20 feet[1]
- AXIS OF SYNCLINE
- FAULT LINE-Dashed where approximately located
- BAKED AND FUSED ROCK-Dotted Tthe indicates inferred extent of burned coal
- BAKED AND FUSED ROCK OF LIMITED EXTENT
- DRILL HOLE (OIL OR GAS WELL)
- DRILL HOLE (WATER WELL)
- SURFACE ELEVATION[1]
- OVERBURDEN (ROCK AND THIN COAL)[1]
- COAL THICKNESS-Letters indicate name of bed[1]
- TOTAL DRILL HOLE DEPTH[1]
- COAL BED MISSING IN DRILL HOLE
- DRILL HOLE NOT DEEP ENOUGH TO PENETRATE COAL BED
- ACTIVE MINE
- INACTIVE MINE

[1]All measurements in feet (to convert to meters, multiply by 0.3048)

STRUCTURAL CONTOUR MAP ON C COAL ZONE AND DICKINSON COAL BED

DICKINSON AREA, BILLINGS, DUNN, AND STARK COUNTIES, NORTH DAKOTA

SCALE 1:63 360

1 0 1 2 3 4 MILES

1 5 0 1 2 3 4 KILOMETERS

DATUM IS MEAN SEA LEVEL