DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Open File Report 79-1638
Plate 8

R. 101 W. R. 100 W. R. 99 W. R. 98 W. R. 97 W. R. 96 W. R. 95 W.

T. 156 N. T. 155 N. T. 154 N. T. 153 N.

MOUNTRAIL CO. WILLIAMS CO.

Ray

Epping

WILLISTON

Little Muddy River

Stony Creek

Tobacco Garden Creek

Boxelder Creek

BURLINGTON NORTHERN

APPROXIMATE LIMIT OF MORMON BED PARTING

LAKE SAKAKAWEA

WILLIAMS CO
MC KENZIE CO

1804

EXPLANATION

- COAL CROP LINE—Dashed where approximately located, dotted where concealed; letter indicates bed (M, Mormon; Pt, Pittsley; W, Williston; A, Avoca
- COAL ISOPACH LINE—Mormon bed or upper bench of split Mormon bed, 2 foot interval
- COAL ISOPACH LINE—Lower bench of Mormon bed, 2 foot interval
- COAL ISOPACH LINE—Pittsley bed, 2 foot interval
- BAKED AND FUSED ROCK—Dotted line shows inferred extent of burned coal
- BAKED AND FUSED ROCK OF LIMITED LATERAL EXTENT
- ABANDONED COAL MINE—Showing thickness of coal bed
- OUTCROP MEASUREMENT—Showing thickness of coal bed
- LIMIT OF DATA FOR PITTSLEY BED
- DRILL HOLE[1]—Showing:
  - HOLE IDENTIFICATION
  - COAL BED THICKNESS AND ROCK INTERBURDEN
- OIL WELL[1]—Showing:
  - HOLE IDENTIFICATION
  - COAL BED THICKNESS AND ROCK INTERBURDEN

[1]See plate 2 for complete drill hole data

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

ISOPACH MAPS OF MORMON AND PITTSLEY BEDS
SOUTHEAST WILLIAMS COUNTY, NORTH DAKOTA

SCALE 1:63 360

1/2 0 1 2 3 4 MILES

1.5 0 1 2 3 4 KILOMETERS

THIS REPORT HAS NOT BEEN EDITED FOR CONFORMITY WITH GEOLOGICAL SURVEY EDITORIAL STANDARDS OR STRATIGRAPHIC NOMENCLATURE.