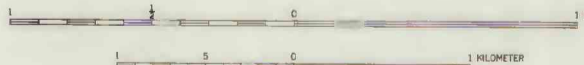


Base from U.S. Geological Survey
Williston East, 1959.

Geology from Great Northern Railway Co. (1966);
modified by W. F. Horak (1979)



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

EXPLANATION

- APPROXIMATE OUTCROP OR SUBCROP OF LIGNITE BED 4
- 1940 — STRUCTURE CONTOUR—Shows altitude of top of lignite bed 4. Contour interval 10 feet. National Geodetic Vertical Datum of 1929
- 1869 U.S. GEOLOGICAL SURVEY TEST HOLE—Number indicates altitude of top of lignite bed 4, in feet above National Geodetic Vertical Datum of 1929
- 1844 GREAT NORTHERN RAILWAY TEST HOLE—Number indicates altitude of top of lignite bed 4, in feet above National Geodetic Vertical Datum of 1929

MAP SHOWING STRUCTURE CONTOURS OF THE TOP OF LIGNITE BED 4, AVOCA LIGNITE DEPOSIT IN THE SENTINEL BUTTE MEMBER OF THE FORT UNION FORMATION NEAR WILLISTON, NORTHWESTERN NORTH DAKOTA