



EXPLANATION

PRESENT SURFACE GEOLOGY
IGNEOUS AND METAMORPHIC ROCKS

Intrusive rocks
Includes small areas of metamorphic rocks in Little Rocky Mountains

Contact

Thickness line
Isopach showing thickness, in feet; dashes in areas of poor control; isopach interval 50 feet

Reverse fault
Dashed where approximately located, U, upthrown side; D, downthrown side

Limit of salt member of Prairie formation

Control well that bottomed in Devonian rocks

Control well that bottomed in pre-Devonian rocks

Measured surface section

Wells shown in cross section on plate 7

SOURCES OF DATA

Radioactivity and electrical logs released by commercial companies prior to Feb. 1, 1959; lithologic logs prepared by geologists of the U. S. Geological Survey; reports of the U. S. Geological Survey; and data furnished by oil companies

ISOPACH MAP OF ELK POINT GROUP IN WILLSTON BASIN

