



EXPLANATION

PRESENT SURFACE GEOLOGY

IGNEOUS AND METAMORPHIC ROCKS

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

— Contact —

— 50 — Thickness line
Isopach showing thickness, in feet; dashes in areas of poor control; isopach interval 25 feet

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

○ Control well that bottomed in Devonian rocks

○ Control well that bottomed in pre-Devonian rocks

○ BROWNS CANYON

Measured surface section

2 — 3 — 4

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 DAWSON BAY FORMATION IN WILLISTON BASIN

