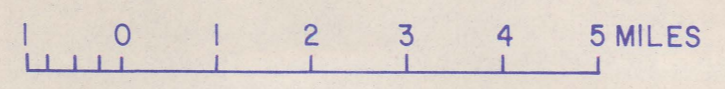


- EXPLANATION**
- SURFACE CONTACT between the Pierre Shale (east) and Fox Hills Sandstone (west)—Dashed where approximately located beneath alluvium
  - 3400 — POTENTIOMETRIC CONTOUR—Shows altitude at which water level would have stood in tightly cased wells open to the Fox Hills-lower Hell Creek aquifer and the upper part of the Hell Creek Formation, fall 1970. Dashed where approximately located. Contour interval 100 feet. Datum is mean sea level
  - WELL—Symbol indicates aquifer from which well derives water
  - Alluvium
  - Tongue River Member, Fort Union Formation
  - Lower member, Fort Union Formation
  - Fort Union Formation, undivided
  - Upper part of the Hell Creek Formation
  - Fox Hills-lower Hell Creek aquifer
  - Madison Group
  - FLOWING WELL
  - SPRING
  - 3710R/CLT Upper number and letter indicate altitude of water surface, in feet above sea level; M, measured; R, reported. Lower letters indicate: C, chemical analysis available (table 7); L, drillers' log on file; and T, additional data available (table 11)

Base from U.S. Geological Survey maps and General Land Office plats



Hydrology by W. R. Miller, 1970

HYDROLOGIC MAP OF THE SOUTHERN POWDER RIVER AREA, SOUTHEASTERN MONTANA