

ISOPACH MAP
MISSISSIPPIAN – MADISON GROUP *

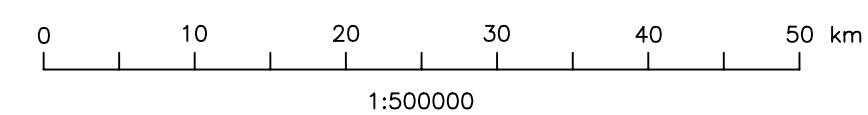
* (Lodgepole, Mission Canyon & Charles but excluding Bakken)

- ISOPACH CONTOUR (50' Contour Interval)
- - - Axis of structural low as shown by Mississippian Crinoidal Marker; believed to be salt solution features.
- 354 Thickness of Madison Group *
- ▨ HARTNEY STRUCTURE: Mississippian missing—locally faulted out? —possible "cryptovolcanic" or "cryptoexplosion" structure.

NOTE: —Where possible, thickness has been extrapolated for wells that did not penetrate complete Mississippian section but these extrapolated data are not shown on map.

—Throughout the map area the Mississippian is overlain with angular unconformity by Jurassic strata, and the thickness of the Mississippian reflects the amount of post Paleozoic tilting and truncation (see map P-1).

—Prominent isopach anomalies (thin) in Tp.1, Rge.25 and Tp.4, Rge.25 result from pre-Mesozoic truncation of local structural highs ("sombbrero structures") formed as a result of early multiple sequence salt solution of Devonian evaporites.



Structure and Isopach values are given in feet
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Revised: January, 1980/H.R.McCabe
 Reissued: R.K.Bezys/1998

