Structural Contour Map, Top of Pahasapa Formation (Madison Aquifer), Rapid City West Quadrangle

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EXPLANATION

Geologic Units

Quaternary

- Fluvial deposits (Qf), lacustrine (Ql), and glacial deposits (Qg)
- Intermittent Stream (Qa)
- Interbedded nonmarine clastic deposits and volcaniclastic rocks (Qs)

Lower Mississippian

- Pahasapa Formation (Qs)
- Pahasapa Formation Absent

Structural Contours

- Structural Contour on top of Madison Formation
- Structural Contour Interval 100 feet

TOPOGRAPHIC CONTOUR INTERVAL 20 FEET

- 0.5°
- 231 MILS
- 2485 A.L.

Swale (unconformity)

Geologic Units

- Mississippian
- Lower Mississippian
- Upper Cretaceous

- Pahasapa Formation Absent
- Pahasapa Formation Present in Surface

EXPLANATION