



Water-Data Report 2010

453457106235901 Local number 03S43E15AAA01

Tongue River Member of Fort Union Formation

Rosebud County, MT

LOCATION.--Lat 45°34'57", long 106°23'59" referenced to North American Datum of 1927, Rosebud County, MT, Hydrologic Unit 10090102.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 260 ft. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 3,275 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of PVC casing, 1.3 ft above land-surface datum, June 18, 2007, to current year.

REMARKS.--Well is part of the Northern Cheyenne monitoring network.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: --, static.]

| Date | Water level | Measure-ment method | Water-level status | Date | Water level | Measure-ment method | Water-level status |
|--------|-------------|---------------------|--------------------|--------|-------------|---------------------|--------------------|
| Oct 16 | 39.44 | V | -- | Jun 22 | 40.04 | V | -- |
| Nov 2 | 38.90 | V | -- | Jul 14 | 40.09 | V | -- |
| Dec 11 | 37.90 | V | -- | Aug 17 | 38.70 | V | -- |
| Jan 19 | 37.23 | V | -- | Sep 16 | 39.29 | V | -- |

Water year 2010 highest: 37.23, Jan. 19, 2010; lowest: 40.09, July 14, 2010.

Period of record highest: 33.68, May 28, 2008; lowest: 44.38, June 18, 2007.

Record available from June 18, 2007, to Sep. 30, 2010; 20 entries.