



Water-Data Report 2009

**410255096054701 Local number 13N 12E32CA 1 (P-110)**

Alluvial aquifers  
 Sand and Gravel Deposits  
 Cass County, NE

LOCATION.--Lat 41°02'55.1", long 96°05'46.5" referenced to North American Datum of 1983, in NE ¼ SW ¼ sec.32, T.13 N., R.12 E., Cass County, NE, Hydrologic Unit 10200202.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 42 ft. Upper casing diameter 5 in; top of first opening 37 ft, bottom of last opening 42 ft.

DATUM.--Land-surface datum is 1,000 ft above National Geodetic Vertical Datum of 1929.

**WATER-QUALITY DATA  
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 2

[Remark codes: <, less than; M, presence verified but not quantified.]

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Temper- ature, air, deg C (00020)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd std units (00400)	Specif- ic conduc- tance, wat unf µS/cm @ 25 degC (00095)	Temper- ature, deg C (00010)	Alti- tude of land surface feet (72000)	Depth of well, feet below LSD (72008)	Hydro- gen ion, water, unfltrd calcd, mg/L (00191)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)
Jul 31...	1800	735	28.0	M	.0	7.6	562	15.3	1,000	42.00	.00002	2.17	1.68

**WATER-QUALITY DATA  
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 2

[Remark codes: <, less than; M, presence verified but not quantified.]

Date	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L (00660)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Tri- zine screen, wat flt ELISA, µg/L as atrazin (34756)
Jul 31...	<.04	<.002	.943	.307	<.10