

Water-Data Report 2011

**333040092240301, 14S13W12CCB1**

Mississippi embayment aquifer system  
Sparta Sand

Calhoun County, AR

LOCATION.--Lat 33°30'40", long 92°24'04" referenced to North American Datum of 1983, in NW ¼ SW ¼ SW ¼ sec.12, T.14 S., R.13 W., Calhoun County, AR, Hydrologic Unit 08040201, and near Harrell.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 613 ft. Upper casing diameter 6 in; top of first opening 560 ft, bottom of last opening 610 ft.

DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Open hole in base of well housing, 2.00 ft above land-surface datum, Oct 20, 1969, to current year; UCCD MP, 2.0 ft above land-surface datum, Apr 16, 1998, to current year.

PERIOD OF RECORD.--Periodic from Mar 1999 and semi-annual from Jan 2003 to current year.

**WATER-QUALITY DATA**

**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Chloride, water, filtered, mg/L (00940)
01-18-2011	1115	8.6	450	20.4	14.6
07-05-2011	0845	8.5	437	24.5	15.6