

Water-Data Report 2013

**293243095165201 Local number BH-65-30-604**

Coastal lowlands aquifer system  
Chicot Aquifer

Brazoria County, TX

LOCATION.--Lat 29°32'45.6", long 95°16'52.3" referenced to North American Datum of 1983, Brazoria County, TX, Hydrologic Unit 12040204.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 830 ft. Upper casing diameter 16 in; top of first opening 540 ft, bottom of last opening 830 ft.

DATUM.--Land-surface datum is 50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in base of pump above concrete, 1.8 ft above land-surface datum, Aug. 17, 1982, to present; 2 inch breather on east side of concrete base, 2.7 ft above land-surface datum, Feb. 9, 2004, to present; 2 inch breather removed from side of concrete, 1.3 ft above land-surface datum, Dec. 9, 2009, to present.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[Measurement method: S, steel tape. Water-level status: --, static.]

<b>Date</b>	<b>Water level</b>	<b>Measurement method</b>	<b>Water- level status</b>
Jan 23	175.84	S	--

Period of record highest: 167.64, Feb 1, 2008; lowest: 217, Aug 17, 1982

Record available from Aug 17, 1982, to Jan 23, 2013; 23 entries

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**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

CHEMICAL DATA: Aug. 2005 to current year.

**WATER-QUALITY DATA****WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

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

<b>Date</b>	<b>Sample start time</b>	<b>Medium name</b>	<b>Flow rate of well, gallons per minute (00058)</b>	<b>pH, water, unfiltered, field, standard units (00400)</b>	<b>Specific conduc- tance, water, unfiltered, µS/cm at 25°C (00095)</b>	<b>Tempera- ture, water, °C (00010)</b>	<b>Pump or flow period prior to sampling, minutes (72004)</b>	<b>Chloride, water, filtered, mg/L (00940)</b>
09-16-2013	1017	Groundwater	1,040	7.7	772	25.2	> 120	75.3