

Water-Data Report 2013

**293909095012201 Local number LJ-65-24-902**

Coastal lowlands aquifer system  
Chicot Aquifer

Harris County, TX

LOCATION.--Lat 29°39'09", long 95°01'22" referenced to North American Datum of 1927, Harris County, TX, Hydrologic Unit 12040104.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 578 ft. Upper casing diameter 16 in; top of first opening 417 ft, bottom of last opening 575 ft.

DATUM.--Land-surface datum is 20 ft above North American Vertical Datum of 1988. Measuring point: Breather, 1.5 ft above land-surface datum, 1954 to present; 1 inch breather pipe, 3.4 ft above land-surface datum, Jan. 29, 2008, 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 11	105.60	S	--

Period of record highest: 102.27, Jan 29, 2008; lowest: 277.92, Dec 10, 1974

Record available from Dec 4, 1951, to Dec 10, 2013; 109 entries

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**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

CHEMICAL DATA: May 1978 to current year.

**WATER-QUALITY DATA****WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**[mg/L, milligrams per liter; °C, degrees Celsius;  $\mu$ S/cm, microsiemens per centimeter]

<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, <math>\mu</math>S/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>
09-19-2013	1243	Groundwater	900	7.9	791	24.5	20	64.8