

Water-Data Report 2013

293458095454301 Local number JY-65-26-603

Coastal lowlands aquifer system
Chicot Aquifer, Lower

Fort Bend County, TX

LOCATION.--Lat 29°34'58", long 95°45'43" referenced to North American Datum of 1927, Fort Bend County, TX, Hydrologic Unit 12070104.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 518 ft. Upper casing diameter 16 in; top of first opening 342 ft, bottom of last opening 514 ft.

DATUM.--Land-surface datum is 90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Horizontal breather, 2.0 ft above land-surface datum, Jan. 17, 1969, 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.]

Date	Water level	Measurement method	Water- level status
Jan 31	100.71	S	--

Period of record highest: 76.2, Jan 17, 1969; lowest: 111.25, Feb 4, 2002, Feb 4, 2004

Record available from Jan 17, 1969, to Jan 9, 2014; 30 entries

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL DATA: July 1968 to current year.

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

Date	Sample start time	Medium name	Flow rate of well, gallons per minute (00058)	pH, water, unfiltered, field, standard units (00400)	Specific conduc- tance, water, unfiltered, μS/cm at 25°C (00095)	Tempera- ture, water, °C (00010)	Pump or flow period prior to sampling, minutes (72004)	Chloride, water, filtered, mg/L (00940)
09-17-2013	0943	Groundwater	900	7.0	680	23.2	20	83.7