

Water-Data Report 2013

292337094542801 Local number KH-64-33-901

Coastal lowlands aquifer system
Chicot Aquifer, Lower

Galveston County, TX

LOCATION.--Lat 29°23'37", long 94°54'28" referenced to North American Datum of 1927, Galveston County, TX, Hydrologic Unit 12040204.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 772 ft. Upper casing diameter 16 in; top of first opening 504 ft, bottom of last opening 770 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1 inch nipple in breather, 2.5 ft above land-surface datum, May 10, 1957, to present; 2.5 inch breather, 2.5 ft above land-surface datum, Dec. 9, 2011, 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 30	48.09	S	--

Period of record highest: 44.97, Dec 9, 2011; lowest: 195.70, Nov 12, 1973

Record available from May 10, 1957, to Dec 12, 2013; 71 entries

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL DATA: Nov. 1976 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)
09-18-2013	1045	Groundwater	550	7.9	1,430	25.8	20	187