

**Permit No. BV-OP-0214**

**Operating Permit  
Issued By Direction of the Board of Directors of the  
Brazos Valley Groundwater Conservation District**



This **Operating Permit** is granted to **XTO Energy** (Permittee) authorizing the Permittee to operate a water well known as **Buchanan SWD** ("Well") at the location specified below within the Brazos Valley Groundwater Conservation District (District) for the beneficial purpose of producing water for **Industrial** use. Permittee is authorized to operate the Well located at **N 31.285066° and W 96.404658°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **100 GPM** and a maximum annual production of **25 acre feet/year**.

**Operating Permit Term:**

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
  - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
  - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
  - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of March 12, 2015.

**Special Provisions/Notes: None**

**Worksheet for Operating Permit**  
**XTO Energy, Inc. Buchanan SWD**  
**BVOP-0214**

**XTO Energy, Inc. seeks an Operating Permit for the purpose of:**

- **Industrial Use –Water for work over rig service and other industrial uses**

Existing Well Buchanan SWD

Located at: N 31.285066° W 96.404658° 1.21 miles NE of the intersection of CR Road 479 and FM 979 in Robertson County.

Beneficial Use: **Industrial** – Use for work over rig service

Aquifer of Origin: **Simsboro**

Well Column: **4”**

Rate of Production: **100 gpm**

Max. Annual Production: **25 acre feet/year**

$25 \text{ acre feet/year} \times .62 = 15.5 \text{ gpm}$  on an average annual basis

$15.5 \times 2'/\text{gpm}$  for Sparta wells =31' radius from the wellhead

$31 \times 31' \times 3.14 = 3,017.54$  square feet around the well

$3,018/43,560 = .0693$  contiguous acres to be assigned to the well.

**The footprint of the well lies entirely within the property controlled by the applicant.**

**This application is administratively complete.**



Buchanan SWD

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community