

Worksheet for Drilling/Operating Permit

City of Hearne – Well #6 – BVDO-0376

City of Hearne seeks a Drilling/Operating permit for the purpose of:

- **Municipal Use**

Proposed Well #6 (BVDO-0376):

Located at: N 30.89890436° W 96.60463746° 0.23 miles NW of the intersection of SH-6 and FM 485 in Robertson County.

Beneficial Use: **Municipal Use**

Aquifer of Origin: **Simsboro**

Well Column: **To Be Determined**

Rate of Production: **2,000 gpm**

Max. Annual Production: **325 acre feet/yr**

This application meets all the specifications listed in BVGCD Rule 7.1 (c) regarding production-based acreage. Below are the calculations verifying the applicant's compliance:

Well #6

$325 \text{ acre feet/year} \times .62 = 201.5 \text{ gpm}$ on an average annual basis

$201.5 \times 1'/\text{gpm}$ for Simsboro wells = 201.5' radius from the wellhead

$201.5' \times 201.5' \times 3.14 = 127,491$ square feet around the well

$127,491/43,560 = 2.9268$ contiguous acres to be assigned to the well.

Applicant requests aggregation of this permit with Operating permits BVHU-0011, BVHU-0012, BVHU-0013, and BVHU-0014 not to exceed 2,182 ac-ft/yr.

The footprint of each of the wells lies entirely within the property controlled by the applicant.





This application is administratively complete.

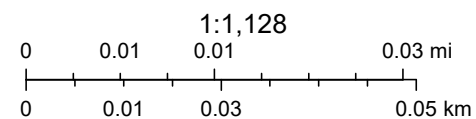
It is the recommendation of the General Manager to approve the permit listed above.

City of Hearne | Well #6 | BVDO-0376 | Simsboro | 325 ac-ft/yr | 201.5' radius



July 20, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Maxar, Microsoft, Esri, HERE, iPC, Esri, HERE, Garmin, iPC

Permit No. BVDO-0376

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



This **Operating Permit** is granted to **City of Hearne** (Permittee) authorizing the Permittee to operate a water well, known as **Well #6** ("Well"), at the location specified below within the Brazos Valley Groundwater Conservation District (District) for the beneficial purpose of producing water for **Municipal** use. Permittee is authorized to operate the Well located at **N 30.89890436° and W 96.60463746°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **2,000 GPM** and a maximum annual production of **325 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 August 10, 2023.

Special Provisions/Notes:

The production from the following operating permits may be aggregated: BVDO-0376, BVHU-0011, BVHU-0012, BVHU-0013, BVHU-0014 (Well Field), so that the combined permitted amount from the wells may be pumped from either well, or split between the wells, as circumstances may require as allowed by District Rule. Total maximum annual aggregate production for the wells under all permits of 2,182 acre-feet/year.