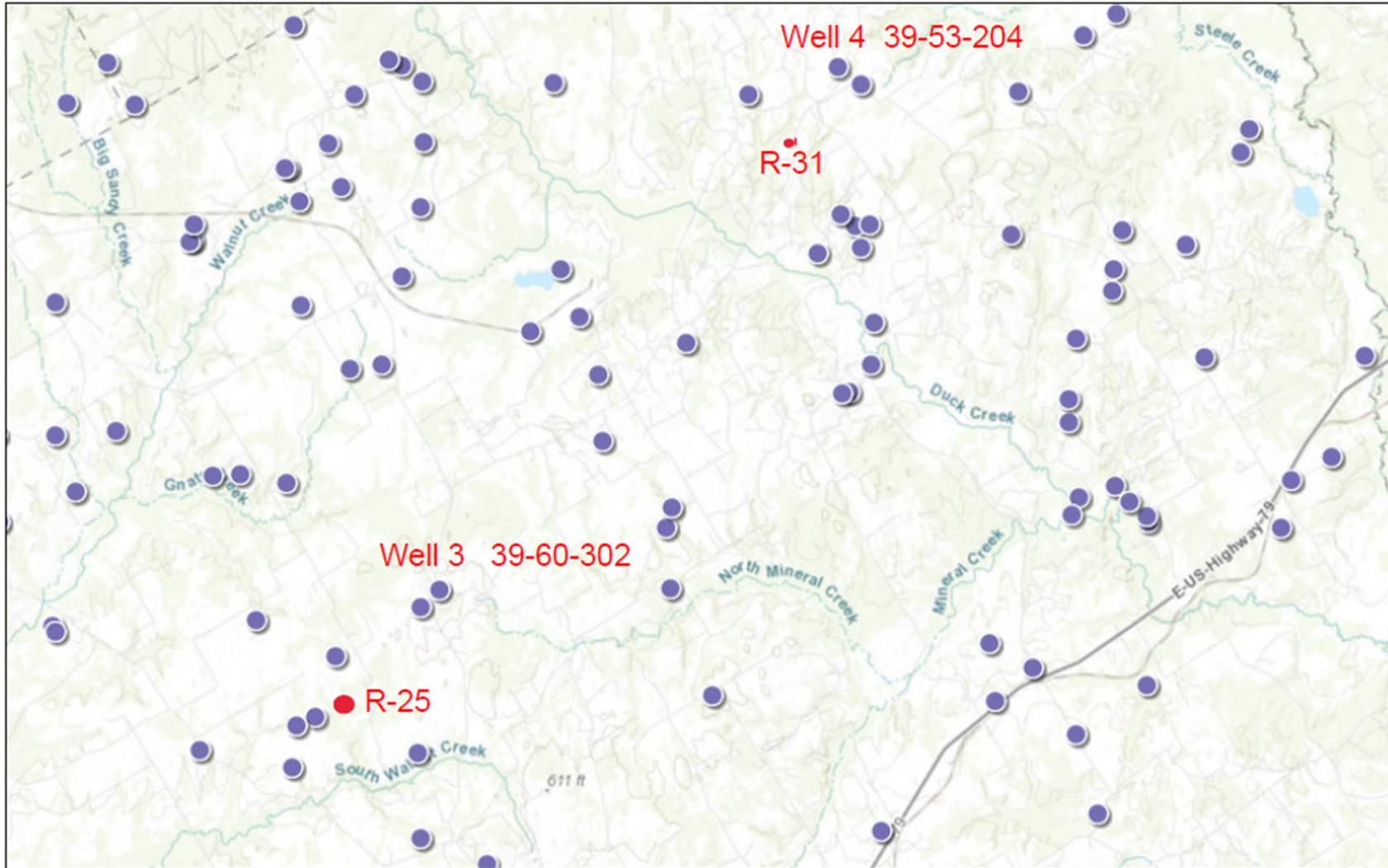


Robertson County Water Supply Corporation

Well #3 – BVHU-0017

Correction | Hooper to Simsboro

Robertson County WSC Wells



Texas Water
Development Board

November 24, 2020

 TWDB Groundwater



0 1.25 2.5 5 mi
0 2 4 8 km
1:144,448

Sources: Esri, HERE, Garmin, Intermap, Increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

**Worksheet for a Correction to Historic Use Operating Permit
Robertson County WSC – BVHU-0017 (Well #3)**

The General Manager seeks to correct Historic Use Operating Permit (BVHU-0017) for the purpose of:

- **Public Supply Use**

Well Data:

- RCWSC Well #3 (**BVHU-0017**) - Located at: N 31.12388922° W 96.52284400° 0.26 miles NNE of the intersection of FM 979 and Leamon Lane in Robertson County

Beneficial Use: **Public Supply Use**

Aquifer of Origin: **Simsboro**

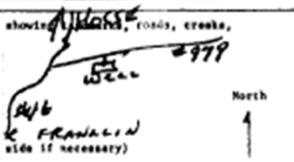
Date Drilled/Depth/Well Column: **Well #3 – Nov. 1977 783' 8.625"**

Rate of Production: **Well #3 - 95 gpm**

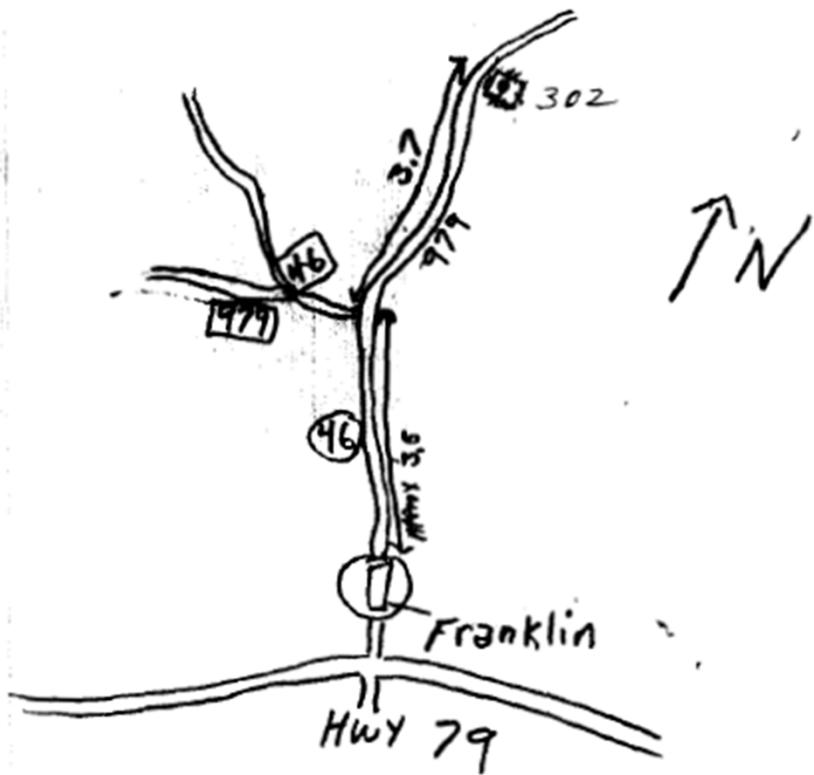
Max. Annual Production: **Well #3 – 70.5 ac-ft/yr (BVHU-0017)**

The General Manager is requesting a correction to Historic Use Operating permit (BVHU-0017) to properly identify the aquifer of origin. The well is currently presented as screening the Hooper Aquifer. Recent water level measurements and geological review have revealed the screened interval is the Simsboro Aquifer.

It is the recommendation by the General Manager to approve correcting the permit (BVHU-0017) to reflect the proper aquifer of origin as the Simsboro.

not original copy by rified mail to the sea Water Development Board O. Box 12386 austin, Texas 78711	State of Texas WATER WELL REPORT	For TWB use only Well No. <u>39-60-38</u> Located on map <u>Yes</u> Received <u>28</u> <u>dlc</u>															
PERSON: Person having well drilled <u>ROBERTSON COUNTY W.S.P.</u> Address <u>COURTHOUSE - FRANKLIN TEXAS</u> <small>(Name) (Street or RFD) (City) (State)</small>																	
Landowner <u>SAME</u> Address <u>SAME</u> <small>(Name) (Street or RFD) (City) (State)</small>																	
LOCATION OF WELL: County <u>ROBERTSON</u> <u>5</u> miles in <u>N.W.</u> direction from <u>FRANKLIN TEXAS</u> <small>(County) (Miles) (Direction) (Town)</small>																	
Locate by sketch map showing <u>Highway 2979</u> , roads, creeks, highway number, etc. 	Give legal location with distances and directions from adjacent sections or survey lines. Labor _____ League _____ Block _____ Survey _____ Abstract No. _____ (NW NE S E) of Section _____																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"> TYPE OF WELL (Check): New Well <input checked="" type="checkbox"/> Deepening Reconditioning _____ Plugging _____ </td> <td style="width:33%;"> PROPOSED USE (Check): Domestic _____ Industrial _____ Municipal <input checked="" type="checkbox"/> Irrigation _____ Test Well _____ Other _____ </td> <td style="width:33%;"> TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven _____ Casing _____ Jettied _____ Bored _____ </td> </tr> </table>			TYPE OF WELL (Check): New Well <input checked="" type="checkbox"/> Deepening Reconditioning _____ Plugging _____	PROPOSED USE (Check): Domestic _____ Industrial _____ Municipal <input checked="" type="checkbox"/> Irrigation _____ Test Well _____ Other _____	TYPE OF WELL (Check): Rotary <input checked="" type="checkbox"/> Driven _____ Casing _____ Jettied _____ Bored _____												
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WELL LOG: Diameter of hole <u>12 1/4</u> in. Depth drilled <u>951</u> ft. Depth of completed well <u>788</u> ft. Date drilled <u>11/77</u> All measurements made from _____ ft. above ground level.																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr> <td colspan="3"><u>SEE ATTACHED INFO.</u></td> </tr> </tbody> </table>	From (ft.)	To (ft.)	Description and color of formation material	<u>SEE ATTACHED INFO.</u>			9) CASING: Type: Old _____ New <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Plastic _____ Other _____ Cemented from <u>0</u> ft. to <u>680</u> ft. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> <th rowspan="2">Cage</th> </tr> <tr> <th>From (ft.)</th> <th>To (ft.)</th> </tr> </thead> <tbody> <tr> <td><u>8 7/8</u></td> <td><u>0</u></td> <td><u>680</u></td> <td><u>.322</u></td> </tr> </tbody> </table>	Diameter (inches)	Setting		Cage	From (ft.)	To (ft.)	<u>8 7/8</u>	<u>0</u>	<u>680</u>	<u>.322</u>
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	From (ft.)	To (ft.)															
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10) SCREEN: Type <u>BAR LUG - S. S.</u> Perforated <input checked="" type="checkbox"/> Slotted _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Diameter (inches)</th> <th colspan="2">Setting</th> <th rowspan="2">Slot Size</th> </tr> <tr> <th>From (ft.)</th> <th>To (ft.)</th> </tr> </thead> <tbody> <tr> <td><u>4 1/2</u></td> <td><u>680</u></td> <td><u>720</u></td> <td><u>.020</u></td> </tr> <tr> <td><u>4 1/2</u></td> <td><u>746</u></td> <td><u>770</u></td> <td></td> </tr> </tbody> </table>	Diameter (inches)	Setting		Slot Size	From (ft.)	To (ft.)	<u>4 1/2</u>	<u>680</u>	<u>720</u>	<u>.020</u>	<u>4 1/2</u>	<u>746</u>	<u>770</u>		11) WELL TESTS: Was a pump test made? <u>PT NIETTE</u> Yes <input checked="" type="checkbox"/> No _____ If yes, by whom? Yield: <u>80</u> gpm with <u>23</u> ft. drawdown after <u>36</u> hrs. Baller test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____		
Diameter (inches)		Setting			Slot Size												
	From (ft.)	To (ft.)															
<u>4 1/2</u>	<u>680</u>	<u>720</u>	<u>.020</u>														
<u>4 1/2</u>	<u>746</u>	<u>770</u>															
12) WATER QUALITY: Was a chemical analysis made? Yes <input checked="" type="checkbox"/> No _____ Did any strata contain undesirable water? Yes <input checked="" type="checkbox"/> No _____ Type of water? <u>Prod</u> depth of strata <u>See Note</u>	11) COMPLETION (Check): Straight well <input checked="" type="checkbox"/> Gravel packed _____ Other _____ Under reamed _____ Open Hole _____																
WATER LEVEL: Static level <u>200</u> ft. below land surface Date <u>12-97</u> Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.																	
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																	
NAME <u>PJ NIETTE</u> Water Well Drillers Registration No. <u>278</u> <small>(Type or Print)</small>																	
ADDRESS <u>PO BOX 98</u> <u>STARKPORT</u> <u>LA.</u> <u>71161</u> <small>(Street or RFD) (City) (State) (Zip)</small>																	
Signed <u>P.J. Niette</u> <u>LANFORD DRILLING CO. INC.</u> <small>(Water Well Driller) (Company Name)</small>																	
Please attach electric log, chemical analysis, and other pertinent information, if available. <u>WK 39-60-302</u>																	

*Additional instructions on reverse side.



WK 39-60-302

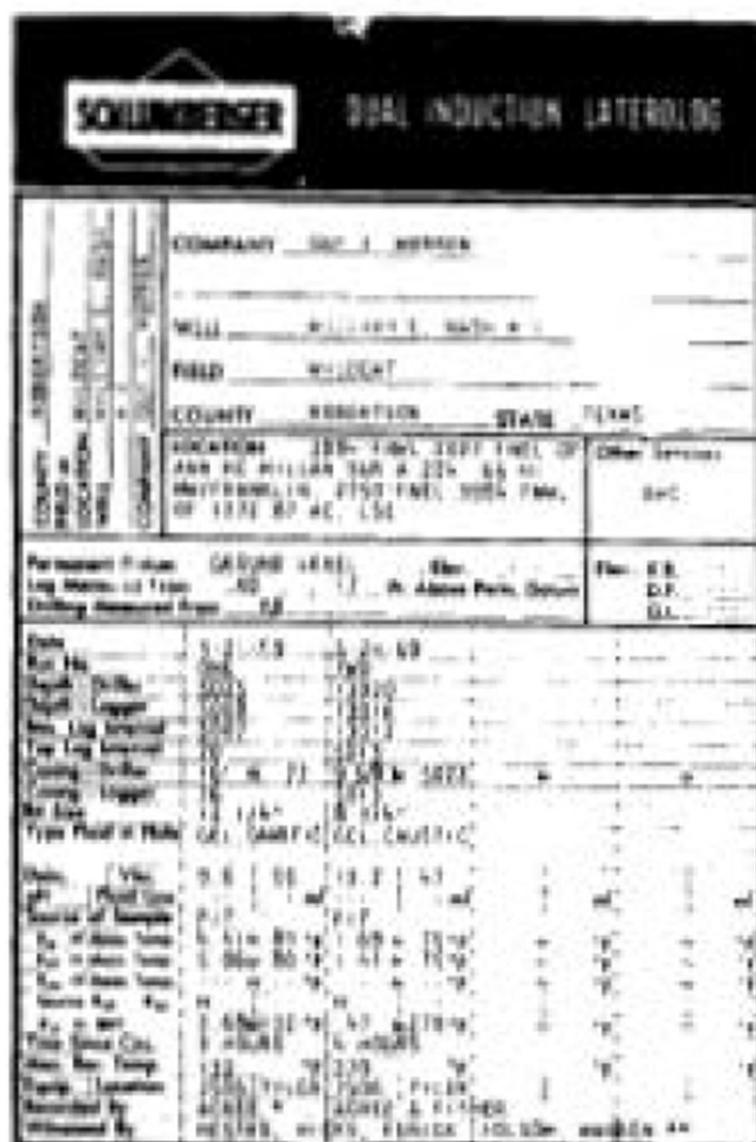
ATTACHMENT

LogId:219518

R-25

Elev. 441 ft. asl

25

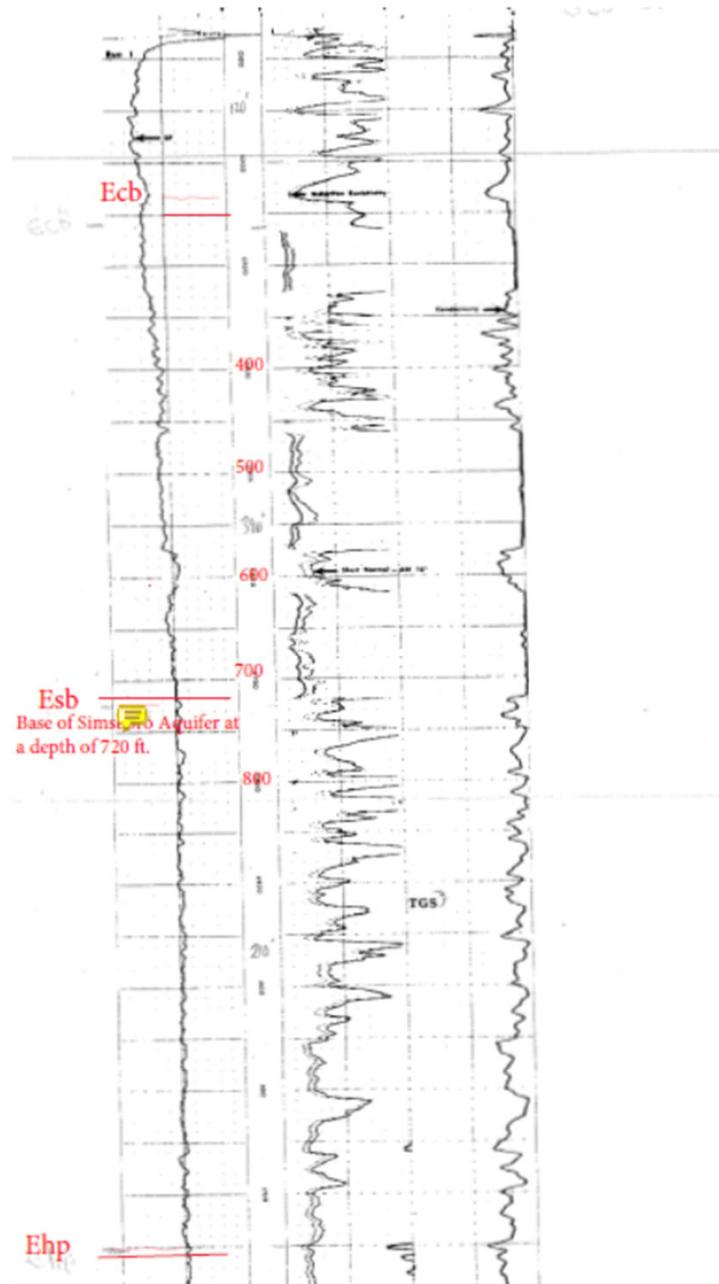


720 (foot)

elev = 441

For RCWSC Well 3
 Elevation is 509 ft asl so
 base of Simsboro
 Aquifer at Well 3 is at a
 depth of about 788 ft
 and the well screens
 sands to a depth of 774
 ft which would be near
 the base of the Simsboro
 Aquifer.

509 ft - 441 ft = 68 ft
 720 ft on R-25 is equivalent to
 depth of 788 ft at Well 3



GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	3960302
County	Robertson
River Basin	Brazos
Groundwater Management Area	12
Regional Water Planning Area	G - Brazos G
Groundwater Conservation District	Brazos Valley GCD
Latitude (decimal degrees)	31.123889
Latitude (degrees minutes seconds)	31° 07' 26" N
Longitude (decimal degrees)	-96.522778
Longitude (degrees minutes seconds)	096° 31' 22" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	124HOOP - Hooper Formation -
Aquifer	Sanizo-Wilcox
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	515
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	783
Well Depth Source	Drillers Log
Drilling Start Date	
Drilling End Date	11/0/1977
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Gravel Pack w/Screen

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Robertson County WSC Plant #3
Driller	Lanford Drilling Co., Inc.
Other Data Available	Drillers Log; Specific Capacity
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	7/8/2002
Last Update Date	5/17/2007

Remarks Owner's well #2. Test well drilled to 950 feet. Cemented to 680 feet. Measured yield 80 gpm with 23 feet drawdown after pumping 36 hr 1977.

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
8	Blank	Steel			0	680
4	Screen	Stainless Steel			680	720
4	Blank	Steel			720	746
4	Screen	Stainless Steel			746	774

Well Tests - No Data Based on logs R-25 and R-26, the well screens the Esb and most likely near base of Esb. Base of Esb at R-25 and R-26 is -276 and -327 feet bsf, respectively. Screened interval of well is from -165--259 feet bsf.

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

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

This **Historic Use Permit** is granted to Robertson County Water Supply Corporation (Permittee) authorizing the Permittee to operate a water well known as Well #3 ("Well") at the location specified below within the Brazos Valley Groundwater Conservation District (District) for the beneficial purpose of producing water for **Retail Public Water Supply** use. This permit is conditioned upon and subject to the Permittee complying with the Rules of the District ("Rules"), orders of the Board and the Management Plan of the District, as amended, and the laws, rules and regulations of the State of Texas, as amended, applicable to drilling, operating and maintaining water wells within the District. This permit confers only the right to use the permit under the provisions of the Rules and according to the terms of this permit. The permit terms may be modified or amended pursuant to the Rules.

The Permittee is authorized to operate the Well located at N 31.123854° and W 96.522844° to produce water from the Simsboro Aquifer at a maximum capacity not to exceed 95 GPM and a maximum annual production of 70.5 acre feet. This well has been approved for production in aggregate with Robertson County Water Supply Corporation Well #4, and the total approved maximum annual aggregate production for these permits shall not exceed 205 acre feet.

The Rules are incorporated herein in their entirety by reference, as if set forth herein verbatim. The Permittee shall comply with the Rules and each requirement thereof in operating, maintaining, repairing and altering the Well. The application pursuant to which this permit has been issued is incorporated into this permit, and this permit is granted on the basis of, and contingent upon, the accuracy of the information supplied in that application. A finding that false information has been supplied to the District in the permitting process for the Well is grounds for revocation of this permit.

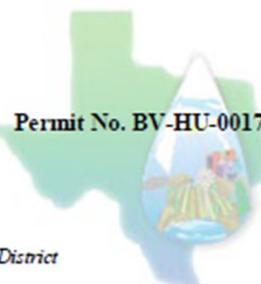
The issuance of this permit does not grant to the Permittee the right to use any private property, or any public property, for the production or conveyance of water. Neither does this permit authorize the invasion of any personal rights nor the violation of any federal, state, or local laws, rules or regulations. Further, the District makes no representations and shall have no responsibility with respect to the availability or quality of water authorized to be produced under this permit.

This Historic Use Permit will remain in effect for the life of the well as long as water is being produced for the herein specified beneficial use, subject to the District's Rules, Management Plan, and State laws.

This permit was originally issued and effective on August 4, 2005. This permit was corrected January 14, 2021 properly identifying the aquifer of origin.

Brazos Valley
Groundwater Conservation District

By: _____
Name: Alan M. Day
Title: General Manager
Date: _____



Permit No. BV-HU-0017

Brazos Valley Groundwater Conservation District

**This historic permit was corrected on January 14, 2021 properly identifying the aquifer of origin. The permit correction does not affect the historic integrity of the originally issued historic permit.*

The General Manager is requesting a correction of Historic Use Operating permit BVHU-0017 to properly identify the aquifer of origin. When originally permitted, the well was presented as screening the Hooper Aquifer. Recent water level measurements and geological review revealed the screened interval is the Simsboro Aquifer.

It is the recommendation by the General Manager to approve correcting the permit to reflect the proper aquifer of origin as the Simsboro Aquifer.