

Brush Country Groundwater Conservation District
732 W. Rice Street
Falfurrias, Tx. 78355
(361) 325 5093 Website: www.brushcountrygcd.com
Email: generalmanager@brushcountrygcd.com

BCGCD Permit # 008-249-2021 Amendment#2
BCGCD Well ID #: _____
Owner Well ID (if used by owner): _____
Grid # 78-64-9
Tex L&R tracking # 577679

PRODUCTION PERMIT, TRANSPORT PERMIT, AND PERMIT AMENDMENT APPLICATION FORM

This application is to be used for authorization to produce and operate a well, transport water outside the District or amend a permit. A separate application must be submitted for each well. Please complete all questions. Please print or type information, or place an "x" in the appropriate space. Mark all appropriate spaces.

Production Permit: _____

Transport Permit: _____

Permit Amendment: X

(See Rules 7 and 12 for actions requiring amendments)

Well Owner: NUECES ELECTRIC COOPERATIVE INC Phone: 361-533-4091

Address: 14353 COOPERATIVE AVENUE City: Corpus Christi State: TX Zip: 78410

Fax: _____ Email: joliuarez@nueceselectric.org

Registrant: (if other than owner) _____ Phone: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ Email: _____

If Registrant is other than the owner of the property, the registrant should provide documentation establishing the applicable authority to construct, operate, and permit the well.

Drilling Company: 4-H Drilling Phone: 361-701-4964

Address: P.O. Box 1254 Orange Grove, Tx. 78372

Fax: _____ Email: _____

Driller: William C. Spence License#: 59399

Date Drilled: 5/27/2021 Date Placed in Service: _____

Are well logs available? YES If yes, attach a copy of well logs.

Well Location: County Jim Wells Well Site Address or Location: 5203 W. FM 624 Orange Grove, Tx. 78372

Latitude: 28.01537N Longitude: -98.053634W

Water Use: Public Water Supply: _____ Industrial: _____ Irrigation: _____ Transport Outside of District: _____

Commercial X Other _____

Well Characteristics:

Existing/Proposed depth: 500 ft. Aquifer: GULF COAST For new well, date drilling is scheduled to begin: 5/21/2021

Existing/Proposed inside casing size: 5 in. Proposed casing depth: 480 ft. Pump depth: _____ ft. Pump size _____ HP.

Casing type: PVC Existing Static Water Level 205 ft

Type Pump: Turbine: _____ Submersible: X Windmill: _____ Other (specify): _____

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PRODUCTION PERMIT, TRANSPORT PERMIT, AND PERMIT AMENDMENT APPLICATION FORM (Continued)

Pump fuel or power source: Electricity: X Natural Gas: _____ Wind: _____ Other (specify): _____

Pump Bowls: Size _____ # of Stages: _____ Pump Column: Inside Diameter: _____ in. Length: _____ ft.

Pump discharge pipe: Size _____ in. Rated pump horsepower: _____ Pump Discharge: _____ gpm

Production:

Water bearing formation: _____ Maximum Pumping Capacity: _____ Estimated Withdrawal Rate: _____

Estimated Annual Water Production: 1.09 Acre-Feet or 355,842 gal/yr. _____ Gallons

Equipped with meter: yes Number of contiguous areas associated with well: 5

For Amendments: the current production: _____ and requested change in production : same

The following information is required for production permits, transport permits for non-exempt wells, and permit amendments:

- ☐ A detailed statement to include:
 - The nature, and purpose of the various proposed uses;
 - The amount of water to be used for each purpose; and
 - For production permit application:
 - A projected quarterly timeline detailing the anticipated pumpage volumes for the first three years of pumpage;
 - A breakdown by types of use (domestic, commercial, irrigation, industrial, etc.); and
 - Conservation practices in effect or proposed.
- ☐ A declaration that the applicant will comply with the District Rules and all groundwater use permits and plans promulgated pursuant to District Rules.
- ☐ The location of each proposed or existing well and a plat or map showing location of the property and location on property of well for which application is submitted.
- ☐ A water well closure plan or a declaration that the applicant will comply with well plugging and capping guidelines set forth in the District Rules and will report well closures.
- ☐ Notice information requirements (required for all new non-exempt wells which the District requires an opportunity for a hearing (See Rule 12.D)):
 - A location map including the location of:
 - The proposed well or the existing well to be modified;
 - All existing wells within a half (1/2) mile radius of the proposed well or the existing well to be modified;
 - The subject property; and
 - The property of all the landowners located within the half (1/2) mile radius
 - A tax plat map indicating the location of:
 - The proposed well or the existing well to be modified;
 - The subject property; and
 - The property of all the landowners located within the half (1/2) mile radius.
 - The names, mailing addresses, and physical addresses of the property owners with property located within the half (1/2) mile radius; and
 - Mailing address of retail water provider if applicable (notification of any property owner served by a retail water utility is not required of any applicant if notice is provided to the retail water utility).
- ☐ For new wells or well modifications, a proposed well design schematic with specifications to include: the total depth, borehole diameter, casing diameter and depth, annular seal interval(s), annular sealing method, surface completion specifications, and any other pertinent well construction information.

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BCGCD Well ID #: _____
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Tex L&R tracking # 577679

PRODUCTION PERMIT, TRANSPORT PERMIT, AND PERMIT AMENDMENT APPLICATION FORM (Continued)

- ☐ A hydrogeological report (See Rule 7 for report requirements). The report is required if the Board of General Manager deem it necessary.
- ☐ A Water Conservation Plan (WCP) or a declaration of compliance with District Management Plan and a Drought Contingency Plan (DCP), if required by the Board (See Rule 7 for Requirements).
- ☐ If the groundwater is proposed to be resold, leased, or otherwise transferred to others, provide the following:
 - The location to which the groundwater will be delivered;
 - The purpose for which the groundwater will be used; and
 - A copy of the legal documents establishing the right for the groundwater to be sold, leased, or otherwise transferred, including but not limited to any contract for sale, lease, or transfer of groundwater.
- ☐ A statement of the projected effect of the proposed withdrawal on the aquifer or aquifer conditions, depletions, subsidence, or effects on existing permit holders or other groundwater users in the District.
- ☐ Payment of applicable fees (see District's Current Fee Resolution).

In addition to the above information, the following information is required for transport permit applications.

- ☐ Information describing the availability of water in the proposed receiving area during the period for which the water transport is requested.
- ☐ Information describing the projected effect of the proposed transporting of water on aquifer conditions, including subsidence or effects on existing permit holders or other groundwater users within the District.
- ☐ A description of how the proposed transport is addressed in any approved regional water plan(s) and the certified District Management Plan.
- ☐ A technical description of the facilities to be used for transportation of water and a time schedule for any construction thereof.
- ☐ A detailed statement of the nature and purpose of the various proposed uses in the proposed receiving area, the amount of groundwater to be used for each purpose, and the requested annual volume to be transported outside the District.
- ☐ The feasibility of accessing alternative water supplies available to the applicant, including proximity to water sources.

I, the undersigned applicant, hereby agree and certify that:

- a. for a new well, this well will be drilled within 30 feet of the location specified and not elsewhere;
- b. I will furnish the District with a copy of the completed driller's log, any electric log, the well completion report and any water quality test report within 60 days of completion of this well and prior to production of water there from (other than such production as may be necessary to the drilling and testing of such well);
- c. in using this well, I will avoid waste, achieve water conservation, protect groundwater quality and the water produced from this well will be for a beneficial use;
- d. I will comply with all District and State well plugging and capping guidelines in effect at the time of well closure;
- e. I agree to abide by the terms of the District Rules, the District Management Plan and orders of the District Board of Directors currently in effect and as they may be modified, changed and amended from time to time; and
- f. I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.

Signature:  Date: 10-20-21

Printed Name: Jesus O. Olivaréz Title: Physical Plant Supervisor

COMMENTS: This is an amendment #2 to replace the well that was plugged. Production will remain the same 355,842 gallons/year 1.09 ac/ft/yr. Well log and plugging reports are attached.

STATE OF TEXAS WELL REPORT for Tracking #577679

Owner:	Nueces Electric	Owner Well #:	No Data
Address:	14353 Cooperative Ave. Robstown, TX 78380	Grid #:	78-64-9
Well Location:	5203 W. FM 624 Orange Grove, TX 78372	Latitude:	28° 01' 05.41" N
Well County:	Jim Wells	Longitude:	098° 00' 33.73" W
		Elevation:	319 ft. above sea level
Type of Work:	Replacement	Proposed Use:	Domestic

Drilling Start Date: 5/21/2021 Drilling End Date: 5/27/2021

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	9.8	0	500
Drilling Method:	Mud (Hydraulic) Rotary		
Borehole Completion:	Filter Packed		
	Top Depth (ft.)	Bottom Depth (ft.)	Filter Material
Filter Pack Intervals:	420	480	Gravel
	Top Depth (ft.)	Bottom Depth (ft.)	Size
Annular Seal Data:	410	420	3/8
			Description (number of sacks & material)
			Bentonite
Seal Method:	Poured	Distance to Property Line (ft.):	50+
Sealed By:	Driller	Distance to Septic Field or other concentrated contamination (ft.):	200+
		Distance to Septic Tank (ft.):	275+
		Method of Verification:	No Data
Surface Completion:	Surface Sleeve Installed	Surface Completion by Driller	

Water Level:	205 ft. below land surface on 2021-05-27	Measurement Method:	Electric Line
Packers:	No Data		
Type of Pump:	No Data		
Well Tests:	Jetted	No Test Data Specified	

	<i>Strata Depth (ft.)</i>	<i>Water Type</i>
Water Quality:	440 - 480	Fresh
	Chemical Analysis Made: No	
	Did the driller knowingly penetrate any strata which contained injurious constituents?: No	

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **4-H Drilling**
Po Box 1254
Orange Grove, TX 78372

Driller Name: **William C Spence JR**

License Number: **59399**

Apprentice Name: **Eric Herschap**

Apprentice Number: **60743**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

<i>Top (ft.)</i>	<i>Bottom (ft.)</i>	<i>Description</i>	<i>Dia (in.)</i>	<i>Type</i>	<i>Material</i>	<i>Sch./Gage</i>	<i>Top (ft.)</i>	<i>Bottom (ft.)</i>
0	160	Clay Tan						
			5	Blank	New Plastic (PVC)	sdr17	-2	440
160	180	Sandy Clay						
			5	Blank	New Plastic (PVC)	sdr17	440	480
180	200	Tan Sand						
200	240	Sand						
240	300	Red Clay						
300	320	Tan Sand						
320	340	Sandy Clay						
340	360	Sand Clay						
360	380	Sand						
380	400	Sand Clay						
400	440	Clay Sand						
440	480	Sand						
480	500	Red Clay						

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS PLUGGING REPORT for Tracking #212867

Owner:	Nueces Electric	Owner Well #:	No Data
Address:	14353 Cooperative Ave. Robstown, TX 78380	Grid #:	78-64-9
Well Location:	5203 W. FM 624 Orange Grove, TX 78372	Latitude:	28° 01' 05.41" N
		Longitude:	098° 00' 33.73" W
Well County:	Jim Wells	Elevation:	320
Well Type:	Domestic		

Drilling Information

Company:	No Data	Date Drilled:	No Data
Driller:	No Data	License Number:	No Data

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	7	0	400

Plugging Information

Date Plugged: 6/11/2021 Plugger: Eric Herschap

Plug Method: Tremmie pipe bentonite from bottom to 2 feet from surface, cement top 2 feet

Casing Left in Well:			Plug(s) Placed in Well:		
Dia (in.)	Top (ft.)	Bottom (ft.)	Top (ft.)	Bottom (ft.)	Description (number of sacks & material)
380	20	400	0	2	Concrete 2 Bags/Sacks
			2	400	Bentonite 22 Bags/Sacks

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: 4-H Drilling
Po Box 1254
Orange Grove, TX 78372

Driller Name:	William C Spence	License Number:	59399
Apprentice Name:	Eric Herschap	Apprentice Number:	60743
Comments:	No Data		

Nueces Electric Neighboring Landowners



Neighboring Landowners Located within 1/2 mile of NEC Non Exempt Commercial Well

unit #	Name	address	City	State	Zip
1	NUECES ELECTRIC COOP	PO BOX 260970	CORPUS CHRISTI	Tx	78426
2	CANTU RAMIRO	1145 S CR 305	ORANGE GROVE	Tx	78372
3	CANTU RAMIRO	5148 W FM 624	ORANGE GROVE	Tx	78372
4	BARNES FELMON RAY	5148 W FM 624	ORANGE GROVE	Tx	78372
5	DAHSE HENRY J LF EST	885 FM 2538	ORANGE GROVE	Tx	78372
6	CLARK LINDA C	5079 W FM 624	ORANGE GROVE	Tx	78372
7	ROKOHL JACK R LF EST	5333 W FM 624	ORANGE GROVE	Tx	78372
8	ROKOHL JOSEPH DALE & JOYCE C	6583 CR 48	ORANGE GROVE	Tx	78372
9	MCDERMETT TREY L & TANYA D LIVELY	4122 LONE OAK DR	ROBSTOWN	Tx	78380
10	STEHLE LORENE F BOENING	5530 W FM 624	ORANGE GROVE	Tx	78372
11	STEHLE EVELYN LOUISE SCHONVOGEL	1221 GRAHAM DR APT 226	TOMBALL	Tx	77375
12	ZWERNEMANN GERALD R	110 CAMELLIA WAY	SAN ANTONIO	Tx	78209
13	SANCHEZ ARMANDO JR & LINA JO	PO BOX 1843	ORANGE GROVE	Tx	78372
14	HARO JOSE R	9214 PENROSE DR	HOUSTON	Tx	77049
15	SOLIZ ROBERTO L	PO BOX 8124	BAYTOWN	Tx	77522

**Nueces Electric Cooperative, Inc. Detailed Statement for Brush Country
Production Permit Application Request #0013-249-2014 2nd amendment**

1. The nature and purpose of water pumped from well with TDLR Tracking #577679 will be for furnishing water to Nueces Electric Cooperative's Orange Grove Service Center, for domestic use, sanitary use and irrigation of minimal landscaping around the building, this well #577679 is a replacement well for TDLR# 313453 which has been plugged tracking #212867 by 4-H Drilling.
2. The projected annual production from this well on amendment #1 was increased from the original production permit from 8,500 gallons per year or 0.026 acre ft/yr, to 355,842 gallons per year or 1.09 acre feet on April 6,2015. This amount will remain the same and will expire on 6/25/2024.
3. Nueces Electric Cooperative hereby declares that it will comply with all District Rules and ground water permits and plans promulgated pursuant to District Rules.
4. See attached Google Earth map for location of well associated with this permit.
5. Nueces Electric Cooperative declares that it will report water well closures and will comply with well plugging and capping guidelines set forth in the District Rules.

The information and declarations stated on this form are true, correct based on best information available.



Jesus D. Olivarez
Physical Plant Supervisor
Nueces Electric Cooperative, Inc.

Brush Country Groundwater Conservation District
732 W. Rice Street
Falfurrias, Tx 78355
Phone 361 325 5093
lpena@brushcountrygcd.com

The Board of Directors of the Brush Country Groundwater Conservation District, at their regular meeting held on October 26, 2021, reviewed production permit application

0008-049-2014 submitted by: Nueces Electric COOP 14353 Cooperative Ave CC Tx 78410.

This requested amendment on this aggregate permit is for 1.09 ac ft (355,842 gallons) of groundwater that will come from BCGCD Registered Well # 249-00107-2013. The requested amendment is to register the new well drilled by 4- H Drilling to replace the old well that was plugged by 4-H Drilling. Planned use of the water requested will be for furnishing water to commercial building and landscaping purposes.

The board approved/denied your permit request for the production permit amount of 1.09 acre feet or 355,842 gallons. The permit, when approved, will extend for five years beginning on 6/25/2019 and will be expire on 6/25/2024 and will be contingent on a water meter being installed on each of the wells included in the permit; all well water meters will be read monthly and reported to Brush Country GCD by January 31st of each year that this permit is in force. All permitted water will be used for beneficial purposes.

Brush Country Groundwater Conservation District Official

Date

Amendment#2 to Production Permit #0008-249-2014 Requesting new well drilled by 4-H Drilling to replace old well that was plugged by 4-H Drilling Production Permit will remain at 355,842 Gallons Per Year

Nueces Electric Cooperative
14353 Cooperative Avenue
Corpus Christi, Tx 78410

Date: 10/26/2021

Location of Well: On 5 acre property owned by Nueces Electric Coop and having BCGCD Well ID# 249-00107 that sits on GPS Location 28.19132 -98.093849.

Well is an industrial well that will be used to provide water for operating NEC Office & Bathrooms and irrigating the landscape located around the building. Water withdrawn under the permit will be put to beneficial use at all times and is consistent with the District's Water Management Plan.

Nueces Electric agrees to avoid waste and achieve water conservation and follow a drought contingency plan should the district ever develops one.

Nueces Electric Co-operative agrees to use reasonable diligence to protect groundwater quality and follow well plugging guidelines should the need arise.



NEC Authorized Representative

10.20.21
Date