Shell Western E & P

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April 19, 2016

Mr. Bo Viscaino
District 08
Railroad Commission of Texas
10 Desta Drive, Suite 500 E
Midland, Texas 79705-4515

Re: Minor permit application - Recycling of treated domestic wastewater for downhole purposes at oil and gas drill site.

Dear Mr. Viscaino,

In accordance with the Railroad Commission of Texas' (RRC) minor permit process under 16 TAC §3.8(d)(6)(G), Shell Western E&P (Shell) is submitting the attached information as a request for authorization to recycle treated domestic wastewater for downhole purposes at the following drilling lease location:

- University 20 150 3H
- University 19-10 1D
    - Due to possible changes in rig schedule, this well may spud in early May or early July. Requesting that the minor permit be approved for 120 days.
- University 19 B 2303H & 2304H

If there are questions please contact me using the information above.

Sincerely,
Shell Western E&P

Maureen Kovacic - Regulatory Specialist

Attachments:

A. Application for Minor Permit to recycle treated domestic wastewater for downhole purposes for University 20 1503H
B. Application for Minor Permit to recycle treated domestic wastewater for downhole purposes for University 19-10 1D
C. Application for Minor Permit to recycle treated domestic wastewater for downhole purposes for University 19 2303H and 2304H

Attachment B

Application for minor permit to recycle treated domestic wastewater for downhole purposes

University 19 2030H & 2304H

APPLICATION FOR MINOR PERMIT
Statewide Rule 8
RRC District 8/8A

7/03

Operator's (Waste Generator) Name and Address:	Lease: University 19 B No lease ID issued yet	Well No.: 2303H & 2304H
Shell Western E&P (RRC Operator # 774719)	Field: **Phantom (Wolfcamp)**	
	Drilling Permit No.: **813604, 813641**	
	County: **Loving**	RRC District:**8**
	Location: Sec. 23 Block 19 Sur UL	

Notice: ALL INFORMATION MUST BE PROVIDED OR REQUEST WILL BE RETURNED

WASTE GENERATION SITE INFORMATION:

☒ Oil Or Gas Lease ☐ Gas Plant ☐ Compressor Station ☐ Pipeline Facility ☐ Sweetening Facility
☐ Rec (R-2) Plant ☐ Other: _____

Other Identifying Information, including Station Name, Facility Name, and Location (S/B/S) or MP if Pipeline, Etc.:
GPS Coordinates:
31.660114, -103.395575

WASTE INFORMATION:

Type Of Waste (be specific please): **Treated domestic wastewater recycled for downhole purposes at drill site (cement mixing)**

Volume Of Waste: **1200 gallons/day** (Specify Cubic Yards, Barrels, Etc.)

Source or Activity that Generated Waste (be Specific please): **Domestic wastewater from drilling activity**

Is This Waste RRC-Regulated: ☐ Yes ☒ No Is This Waste RCRA Exempt: ☐ Yes ☒ No

Shell will meet all conditions set forth in RRC Notice to Operators dated April 4, 2016, Beneficial Recycling of Treated Domestic Wastewater

DISPOSAL SITE INFORMATION

☐ Roadspread (On Lease)* ☐ Roadspread (Off Lease)* ☐ Burial On Site ☐ Burial Off Site* ☐ Firewall Construction
☒ Remediation on Site ☐ Disposal at RRC Permitted Facility (Please Specify): _____
☐ Disposal at TCEQ Permitted Facility (Please Specify): _____
If offsite, give landowner's name, phone, and lease or location: _____
Contractor: **Basin Wastewater Solutions** Contractor Address: **5325 Buena Vista**
Carlsbad, NM 88220

PROVISIONS APPLICABLE TO MINOR PERMITS:

1. Subject to the conditions listed on the attached sheet.
2. No activity shall cause pollution of surface or subsurface waters.
3. All waste is RRC-regulated, RCRA-exempt, non-hazardous oil and gas waste.
4. *Note that landowner's permission is required for road spreading or off-site burial.

Signature: _____ Print Name: **Maureen Kovacic** Date: **04/192016** Phone: **832-337-0953**

RRC Use Only►

RRC District Office Action: **Minor Permit Number:** 5737			**Expires:** 6/22/16
☒Approved	☐Approved as Modified	☐Denied	By: for Vyanne	Date: 4/22/16
Remarks/Modifications: Water must be used for downhole purposes.			