

Additional Information

Confirmation of Completion Details

30-025-37409

Oxy NHU#635

PMX-330

From: [Mathew, Roni](#)
To: [Harris, Anthony, EMNRD](#)
Subject: [EXTERNAL] Re: NHU 29-635 PMX-330: Items to clarify
Date: Tuesday, January 28, 2025 10:48:31 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[NHU 29-635 Injection Well Data Sheet \(updated\).pdf](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Tony,

Sorry again. I really thought that I had responded back to this one already. Please see responses to your inquiry in red below. If there is anything else you need for this one, please let me know and I can send to you. Thanks Tony!

Thanks.

Roni Mathew | Regulatory Advisor | OXY USA Inc. | Permian Resources – New Mexico Regulatory | Office - 713.215.7827 | Location - 29.089 | roni_mathew@oxy.com

From: Harris, Anthony, EMNRD <Anthony.Harris@emnrd.nm.gov>
Sent: Monday, January 27, 2025 3:19 PM
To: Mathew, Roni <Roni_Mathew@oxy.com>
Subject: [EXTERNAL] RE: NHU 29-635 PMX-330: Items to clarify

WARNING - This message is from an EXTERNAL SENDER - be CAUTIOUS, particularly with links and attachments.

Hi Roni

Can you please provide an update on this PMX application?

Thx
TH

From: Harris, Anthony, EMNRD
Sent: Thursday, November 7, 2024 11:16 AM
To: Mathew, Roni <Roni_Mathew@oxy.com>
Subject: NHU 29-635 PMX-330: Items to clarify

Hi Roni

For the subject PMX order, administrative approval was requested to inject produced CO2 into

the subject well. However, it appears additional work /modification to the completion interval may be planned and we wish to clarify the below items to include in the OCD well file for completeness and future reference.

- Page 13 of the C-108 application package indicates that a 4" liner will be run inside of the existing 5.5" casing, but there is no indication of a liner on the wellbore diagram. Can you please confirm the following:
 - Does Oxy intend to run a 4" liner inside the existing 5.5" casing? **No, the 4" liner was included in error on the submission data sheet. See revised copy attached.**
 - If yes, please send an updated wellbore diagram to reflect the liner installation, and the proposed new perforation interval(s). **NA**

Side 1		INJECTION WELL DATA SHEET	
OPERATOR: OCCIDENTAL PERMIAN LTD			
WELL NAME & NUMBER: NORTH HOBBS G/SA UNIT #635			
WELL LOCATION: 1665' FSL 1240' FEL		UNIT LETTER: I SECTION: 29 TOWNSHIP: 18S RANGE: 38E	
FOOTAGE LOCATION			
WELLBORE SCHEMATIC		WELL CONSTRUCTION DATA	
See attached		<p>Surface Casing</p> <p>Hole Size: 26" Casing Size: 16"</p> <p>Cemented with: 100 ss. or ft^3</p> <p>Top of Cement: Surface Method Determined: Circulated</p> <p>Intermediate Casing</p> <p>Hole Size: 12.25" Casing Size: 8.625"</p> <p>Cemented with: 750 ss. or ft^3</p> <p>Top of Cement: Surface Method Determined: Circulated</p> <p>Production Casing</p> <p>Hole Size: 7-7/8" Casing Size: 5-1/2"</p> <p>Cemented with: 850 ss. or ft^3</p> <p>Top of Cement: Surface Method Determined: Circulated</p> <p>Total Depth: 4398'</p> <p>Injection Interval</p> <p>4090' (Perforated) feet to 4260' (Perforated)</p> <p>(Perforated or Open Hole, indicate which)</p>	
<p>PROPOSED LINER:</p> <p>Liner1 Hole Size = 4.95"</p> <p>Liner1 Casing Size = 4"</p> <p>Liner1 Cmt = Approx. 100 ss</p> <p>Liner1 TOC = Approx. 3800'</p> <p>Liner1 Top = Approx. 3800'</p> <p>Liner1 Btm = Approx. 4300'</p>		<p>Proposed WBD</p> <p>NHSAU 635-29 30-025-37409 Lea County</p> <p>Proposed Wellbore Active Injector</p> <p>Conductor Casing 26" Hole Size 16" Csg @ 40' Cemented with 100 ss TOC @ Surface (Circulated)</p> <p>Surface Casing 12-1/4" Hole Size 8-5/8" 24# Csg @ 1524' Cemented with 750 ss TOC @ Surface (Circulated)</p> <p>Production Casing 7-7/8" Hole Size 5-1/2" 15.5# Csg @ 4398' Cemented with 850 ss TOC @ Surface (Circulated)</p> <p>Current Eqpt in the Hole ~4011' of 2-7/8" 6.5# J-55 Duoline Tbg On-Off Tool at 4013' R Type Profile Nipple at 4014' 5-1/2" AS1-X Packer at 4021'</p> <p>Open SA Perforations: 4,091' - 4,260'</p> <p>PBTD at 4265' (Cmt) Float Collar at 4352' TD @ 4398'</p>	

Regards

Tony Harris

Petroleum Specialist

Anthony.harris@emnrd.nm.gov

505 549 8131.



Side 1

INJECTION WELL DATA SHEET

OPERATOR: OCCIDENTAL PERMIAN LTDWELL NAME & NUMBER: NORTH HOBBS G/SA UNIT #635

WELL LOCATION: <u>1665' FSL 1240' FEL</u>	<u>I</u>	<u>29</u>	<u>18S</u>	<u>38E</u>
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

See attached

Hole Size: 26" Casing Size: 16"Cemented with: 100 sx. **or** ft³Top of Cement: Surface Method Determined: CirculatedIntermediate CasingHole Size: 12.25" Casing Size: 8.625"Cemented with: 750 sx. **or** ft³Top of Cement: Surface Method Determined: CirculatedProduction CasingHole Size: 7-7/8" Casing Size: 5-1/2"Cemented with: 850 sx. **or** ft³Top of Cement: Surface Method Determined: CirculatedTotal Depth: 4398'Injection Interval4090' (Perforated) feet to 4260' (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEETTubing Size: 2-7/8" Lining Material: DuolineType of Packer: 5.5" AS1-X PackerPacker Setting Depth: Approx. 4000'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Injection

2. Name of the Injection Formation: San Andres

3. Name of Field or Pool (if applicable): Hobbs; Grayburg - San Andres

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Queen @ 259' TVDSSGlorieta @ -1715 TVDSS

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General Information
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 434225

CONDITIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 434225
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	2/21/2025