

Additional Information

OXY NHU # 342

PMX – 326

Clarification on Liner and well completion

1-28-2025

From: [Mathew, Roni](#)
To: [Harris, Anthony, EMNRD](#)
Subject: [EXTERNAL] Re: Oxy PMX-326 NHU 29-342 API 30-025-28884
Date: Tuesday, January 28, 2025 10:38:50 AM
Attachments: [image001.png](#)
[NHU 29-342 SRCatchup LinerJuly2012 Approved1.28.25.pdf](#)

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

Hi Tony,

My apologies. Based on your note below and research on my end regarding incomplete records, I submitted a filing to catch up the NMOCD records for the liner install from 2012. I was waiting for the subsequent report to be approved before responding back to you. The subsequent report was recently approved and the records for the subject well should now be caught up. For reference, I have attached the approved subsequent report. Sorry again, I should have let you know that I was waiting for the approval before I planned to respond. Sorry again.

Regarding the conditions of approval you note below, I can confirm that we will adhere to those COAs. Please let me know if there is anything further that you need from me to move forward with the review/approval of this application. Thanks again!

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 3:17 PM
To: Mathew, Roni <Roni_Mathew@oxy.com>
Subject: [EXTERNAL] RE: Oxy PMX-326 NHU 29-342 API 30-025-28884

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

Good Afternoon, Roni

Can you please provide an update on this PMX application, and the information requested below.

TH

From: Harris, Anthony, EMNRD
Sent: Tuesday, November 19, 2024 3:40 PM

To: Mathew, Roni <Roni_Mathew@oxy.com>
Cc: Goetze, Phillip, EMNRD <Phillip.Goetze@emnrd.nm.gov>
Subject: FW: Oxy PMX-326 NHU 29-342 API 30-025-28884

Good Afternoon, Roni

With reference to the subject well and PMX request please note the following:

1. The OCD Well file must be updated, to reflect all work completed on the well, before your application can be processed. Some examples of missing details include the following:
 1. The last C-103 found in OCD well file was submitted on 4-16-2012 and included a plan to squeeze and re-perforate the 5.5" production casing.
 - i. Current Wellbore diagram included with your C-108 application shows a liner was installed from 3758 ft – 4370 ft in 2012. However, there is no record in OCD system to reflect the installation of the liner.
 1. Please provide a full accounting of all work completed on this well and submit the applicable C-103 Subsequent Reports to bring the well records up-to-date.
1. Based upon the well history and multiple mechanical integrity issues (ie. multiple squeeze operations on 5.5" production casing) we are concerned with permitting your request for injection of produced CO2 (in addition to currently approved water injection) due to increased corrosion potential.

To address the items noted above, OCD will require the following steps be taken for the C-108 review and permitting process:

1. Update the well file as per item 1 above. Review of you application will continue once the wellfile has been updated.
2. Issue an updated PMX permit (ie. to include injection of produced CO2) which will be subject to the following conditions:
 1. Perform Cement evaluation and casing inspection logs across the 5.5" casing to evaluate cement integrity and wall thickness (ie. CBL/ VDL + USIT or equivalent)
 2. Perform successful MIT prior to re-commencing injection.
 3. If the CBL and/or wall thickness logs show any concerns with respect to well integrity for the 5.5-inch casing, injection of CO2 will not be permitted. However, continued injection of water will be permitted as per the existing permit.

Please feel free to call if you have any questions or require clarification on the above items.

Regards
Tony Harris
Petroleum Specialist
Anthony.harris@emnrd.nm.gov
505 549 8131.

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
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 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-28884
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 19520
7. Lease Name or Unit Agreement Name North Hobbs G/SA Unit
8. Well Number 342
9. OGRID Number 157984
10. Pool name or Wildcat HOBBS; GRAYBURG-SAN ANDRES

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection	
2. Name of Operator Occidental Permian LTD	
3. Address of Operator P.O. Box 4294 Houston, TX 77210-4294	
4. Well Location Unit Letter O : 1230 feet from the South line and 2500 feet from the East line Section 29 Township 18S Range 38E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3647' (GL)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input checked="" type="checkbox"/> Liner	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

This subsequent report is being filed for record keeping purposes to account for a partial liner installed July 2012.

Please see performed procedure and updated WBD attached.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Roni Mathew TITLE Regulatory Advisor DATE 01/10/2025

Type or print name Roni Mathew E-mail address: roni_mathew@oxy.com PHONE: (713) 215-7827

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Date	Remarks
5/20/2012	RU PU. RU GRAY AND SET BLANKING PLUG IN PKR. ND WELLHEAD AND NU BOP. SD
5/21/2012	POOH W/DUO-LINE TBG ADN ON/OFF TOOL. RIH W/ON/OFF TOOL AND PERF SUB ON WORKSTING. LATCHED ONTO PKR. SD
5/22/2012	RU GRAY WIRELINE AND FISHED BLANKING PLUG. CIRC WELL W/BRINE. SD
5/23/2012	MUD UP WELL,POOH W/INJ PKR,RIH W/4 3/4 BIT,TAG AT 4193 NO FILL.POOH W/BIT AND RUN TEST PKR,RUWL AND SET CIBP AT 4157 AND DUMP 8' OF CEMENT ON TOP OF CIBP,RDWL AND RIH W/TEST PKR, GOT INJ RATE OF 2.5 BPM @ 600 PSI,SDON.
5/24/2012	POOH W / PKR. RIH W / CICR @ 3945'. SQZ PERFS FROM 4136' TO 4148'.
5/28/2012	POOH W / STINGER. RIH W / BIT & DC'S. TAG CICR @ 3945'. DRILL DWN 10'.
5/30/2012	STARTED DRILLING ON CEMENT @ 4094', DRILLED TO 4095', STARTED DRILLING ON BAD CASING, DRILLED TO 4099', STARTED GETTING METAL, CEMENT AND FORMATION IN RETURNS, DRILLED OUTSIDE CASING TO 4104'. DRILLED NEW FORMATION TO 4130'.
5/31/2012	POOH W/BIT AND RIH W/NEW 4-3/4 BIT.RUPS AND CONTINUE TO DRILL NEW FORMATION. FROM 4130' TO 4208', GETTING FORMATION IN RETURNS. CIRC WELL CLEAN. PULLE BIT UP INTO THE CSG. SION
6/1/2012	RIH RUPS ANDCONT DRILLING FORMATION FROM 4208' DOWN TO 4279'. CIRC WELL RDPS AND PULLED INTO CSG. SION
6/3/2012	RIH RUPS CONT. DRILLING FROM 4279' DOWN TO 4330'. CIRC CLEAN RDPS PULLED INTO LINER SION
6/4/2012	CONT. DRILLING FROM 4330' TO 4375' CIRC WELL CLEAN RDPS POOH INTO CSG SION.
6/5/2012	POOH W/BIT AND RIH W/2JTS OF 4.5 WASHPIPE GOT THE WP IN THE NEW OH 18'IN FROM 4104 TO 4122 BUT IT WAS STACKING OUT PULLED IT BACK OUT RIH W/4-3/4BIT, 4-3/4STRINGMILL,3-1/2X10' DC,4-3/4 STRINGMILL,3-3-1/2DC'S AND TBG SION.
6/6/2012	RUPS MILLED CSG FROM 4095' DOWN TO 4128 THEN WENT DOWN TO TD. CIRC CLEAN RDPS POOH SION
6/7/2012	WENT DOWN WINDOW AND DIDN'T TAG NOTHING POOH W/BIT, STRINGMILL, AND TBG. RIH W/2-JTS OF WAHSPIPE. RAN DUMMY RUN AND WENT DOWN WITHOUT TAGGING. OK TO RIH W/LINER.SION
6/10/2012	KILLED WELL POOH W/TBG. RIH W/618'-14JTS OF 4.5 LINER. TIED INTO IT W/2-3/8 RAN IT DOWN TO BOTTOM. RUHES PUMPED 30SXS OF .2% SUPER CBL CMT DISPALCED W/17 BBLS STUNG OUT RDHES POOH W/70JTS SION
6/11/2012	POOH W/TBG RIH W/DC'S,BIT AND TBG TAGGED@3754' RUPS AND SH SION
6/14/2012	POOH W/PKR RUWL SHOT 4 SQUEEZE HOLES @3830'.RDWL RIH W/4.5PKR AND SET@3768' TRIED TO BREAK DOWN. PRESSURE UP TO 1800PSI LOST 300LBS IN 15MINS. COULDN'T BREAK DOWN HOLES SION
6/15/2012	RIGGED UP PETROPLEX SPOTTED ACID GOT HOLES TO BREAK.WAS ABLE TO PUMP 3BPM@400LBS. RD ACID TRUCK CIRC WELL CLEAN TO GET ALL OF THE ACID OUT.SION
6/17/2012	SHUT DOWN DUE TO CMT TRUCK CANCELING CMT JOB SION.
6/19/2012	KILLED WELL POOH W/PKR AND RIH W/CICR SET@ 3778' RU BASIC PUMPED 50SXS(12.5BBLS) OF.2%@ SUPER CBL DOWN TBG AROUND LINER TOP. STUNG OUT REVERSED OUT POOH W/20JTS PUT 500LBS ON LINER TOP SION
6/20/2012	POOH W/STINGER AND RIH W/3-7/8BIT. TAGGED@3774' HAVE 4' OF CMT ON TOP OF CICR NUSH AND RUPS. SION
6/21/2012	DRILLED 4' OF CMT AND THEN ON CICR. CICR FELL DOWN TO BOTTOM.CIRC CLEAN.TESTED TO 600LBS LEAKED 20LBS IN 30MINS. SION
6/24/2012	POOH W/BIT RIH W/PKR SET@3768' TESTED TO 1000PSI LEAKED 60LBS IN 30MINS WOULD BUILD UP 50LB SIN THE BACKSIDE. BUT COULDN'T GET IT BROKE DOWN.SION
6/25/2012	RU MCKLASKEYS SPOTTED ACID BROKE DOWN HOLES PUMPING 4BPM@800PSI.RD ACID TRUCK. POOH W/PKR RIH W/CICR SION
6/26/2012	SET CICR@3778' RU RISING STAR PUMPED 50SXS (12BBLS) OF CLASS C PREMUIM PLUS DOWN TBG DISPLACED W/12BBLS STUNG OUT PULLED 4 JTS ABOVE LINER TOP AND REVERSES OUT. RD CMT TRUCKS PULLED 30JTS PUT 500LBS ON CSG SION.
6/27/2012	POOH W/STINGER RIH W/4-3/4BIT TAGGED@3630' RUPS DO TO 3661' CMT STILL GREEN CIRC CLEAN SION.
6/28/2012	CONT DRILLING FROM 3661' DOWN TOP OF LINER3758' CIRC CLEAN TESTED OK 1000PSI RDPS POOH W/BIT AND RIH W/3-7/8BIT RUPS DRILLED FROM 3758' DOWN TO 3772' CIRC CLEAN SION
6/29/2012	CONT DRILLING FROM3772' ON CICR TO 3773.5. CIRC CLEAN AND SION.

7/1/2012	CONT. DRILLING OON CICR@3773.5 DOWN TO 3774. CONT RIH DRILLING CMT FROM 3774' FELL OUT AT 3838'. CONT RIH W/4370'TD CIRC CLEAN TESTED 1000PSI TESTED GOOD. SION
7/2/2012	POOH W/BIT RUWL RAN A CNL/GAMMA FROM 4370' UP TO 3300'. RDWL RIH W/50 STANDS.SION
7/4/2012	POOH W/KP RUWL SHOT HOLES@4 JSPF FROM 4094'-4106',4157'-61',4167'-82' ,4189'-4200',4206'-18', AND 4226'-42'. RDWL AND RIH W/PPI W/38' OF SPACING. SET@4019 TESTED 1000PSI TESTED GOOD. SION.
7/5/2012	RU MCKCLASSKEYS AND PERFORMED 4SETTING PPI JOB WITH 3150GALS OF 15% NEFE ACID. ALL PERFORATIONS BROKE. RD ACID TRUCKS POOH W/PPI PKR AND RIH W/INJ. PKR SET@ 4042'. TESTED 600 PSI OK. SION
7/9/2012	CONT POOH W/DUOLINE RIH W/2-3/8 NEW DUOLINE SPACED OUT WELL CIRC PACKER FLUID.SION.
7/10/2012	LANDED WRAPAROUND NDBOP NUWH RAN MIT AND IT HELD GOOD. PUMPED OUT PUMP OUT. RDPU CLEANED

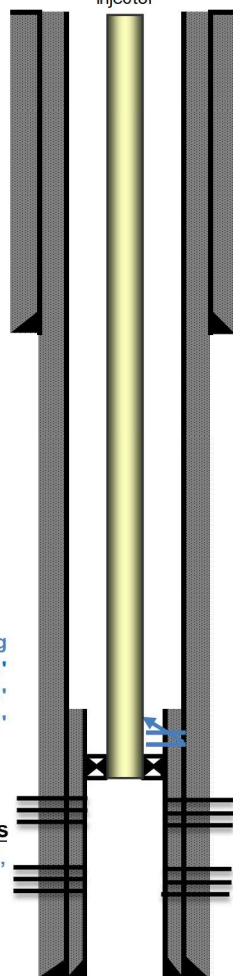


Occidental Petroleum Corporation

NHU 29-342**API# 30-025-28884**

TWN 18-S; RNG 38-E

Injector



8-5/8" 24/32 lb/ft K-55 @ 1520'
 Cmt'd with 620 sx
 TOC @ Surf. (Circ. 43 sx)
 12.25" Hole Size

2-3/8" 4.7 lb/ft J-55 Duoline Tubing
 On/Off Tool @ 4028'
 1.500" 'F' PN @ 4029'
 4.5" Arrowset 1-X Dbl Grip Pkr @ 4037'

Open Perforations

4094'-4106', 4157'-61', 67'-82', 4189'-4200', 4206'-18',
 26'-42'

Drilled outside 5.5" casing 4104'-4370'
 prior to running 4.5" liner (2012)

Cmt liner 30 sx plus two remedial 50 sx jobs (130 sx total)

06/2012: Perf 4.5" liner at 3830' +sqz x2 w/ 100 sx
 cmt

5.5" 14 lb/ft K-55 @ 4375'
 Cmt'd with 875 sx
 TOC @ Surf. (Circ. 13 bbls)
 7.875" Hole Size

4.5" Liner f/ 3758-4370'
 Cmt'd with 130 sx
 TOC @ 3758' (Calc.)
 5" Hole Size

PBTD 4370'
 TD 4375'

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 419554

CONDITIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 419554
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	1/28/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 429529

CONDITIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 429529
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	2/7/2025