

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 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. 30-025-50311
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Llama Mall 26-35 Fed Com
8. Well Number 33H
9. OGRID Number 16696
10. Pool name or Wildcat WC-025 G-08 S223227D; Upper Wolfcamp

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator OXY USA INC.	
3. Address of Operator PO BOX 4294, Houston, TX 77210	
4. Well Location Unit Letter D : 700 feet from the North line and 1160 feet from the West line Section 26 Township 22S Range 32E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3691' 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Change of Drill Plan <input checked="" type="checkbox"/>

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.

Please see the attached correspondence with Allen Morency & Keith Immatty of the BLM Carlsbad Field Office. We recieved approval to set casing at the base of the Cherry Canyon due to severe loses encountered at 3450'. This explains why our 1st intermediate casing was set deeper than what was on our most recent approved drill change sundry.

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 Sarah McKinney TITLE Regulatory Advisor DATE 5/28/2024

Type or print name Sarah McKinney E-mail address: sarah_mckinney@oxy.com PHONE: 713-215-7295

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

McKinney, Sarah A

From: Keith, Kyle
Sent: Wednesday, May 22, 2024 2:07 PM
To: Maxwell, Price A; Swafford, Kurt D
Subject: FW: [EXTERNAL] RE: Re: LLAMA MALL 26_35 FED COM 313H Castile Losses

Regards,

-Kyle

From: Pelton, Ben R <Ben_Pelton@oxy.com>
Sent: Wednesday, September 13, 2023 4:50 PM
To: Keith, Kyle <Kyle_Keith@oxy.com>
Subject: Fwd: [EXTERNAL] RE: Re: LLAMA MALL 26_35 FED COM 313H Castile Losses

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From: Immatty, Keith P <kimmatty@blm.gov>
Sent: Monday, August 28, 2023 5:48:23 PM
To: Pelton, Ben R <Ben_Pelton@oxy.com>; Morency, Allison E <amorency@blm.gov>; Walls, Christopher <cwalls@blm.gov>
Cc: Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Mendez, Michael <Michael_Mendez@oxy.com>; Granier, Garrett E <Garrett_Granier@oxy.com>
Subject: RE: [EXTERNAL] RE: Re: LLAMA MALL 26_35 FED COM 313H Castile Losses

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

Ben,

Reviewed and the contingency plan is approved. Please note:

- Hole depth should be a minimum of 100' deeper than base of salt
- Attempt should be made to cure losses with LCM
- If full returns are re-established, switch to original mud program

Regards,

Keith Immatty

From: Pelton, Ben R <Ben_Pelton@oxy.com>
Sent: Saturday, August 26, 2023 7:27 PM
To: Morency, Allison E <amorency@blm.gov>; Walls, Christopher <cwalls@blm.gov>

Cc: Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Mendez, Michael <Michael_Mendez@oxy.com>; Granier, Garrett E <Garrett_Granier@oxy.com>; Immatty, Keith P <kimmatty@blm.gov>

Subject: [EXTERNAL] RE: Re: LLAMA MALL 26_35 FED COM 313H Castile Losses

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Allison,

Thank you for the assistance on this one. LCM appears to have done the trick so we will proceed ahead with our brine based direct emulsion. We are on the first well of 7. Can you please provide email approval to drill the remaining Llama Malls with produced water if we encounter losses we cannot cure? Same requirements listed below will apply. We will notify BLM via telephone prior to swapping to produced water. Wells are listed below:

API	Name	Rig
30-025-50300	Llama Mall 26_36 Fed Com 312H	Citadel 2
30-025-50298	Llama Mall 26_36 Fed Com 34H	Citadel 2
30-025-50301	Llama Mall 26_36 Fed Com 313H	Citadel 2
30-025-50299	Llama Mall 26_36 Fed Com 35H	Citadel 2
API	Name	Rig
30-025-50375	Llama Mall 26_36 Fed Com 311H	Patterson 882
30-025-50310	Llama Mall 26_36 Fed Com 32H	Patterson 882
30-025-50311	Llama Mall 26_36 Fed Com 33H	Patterson 882

Thanks,

Ben Pelton

Drilling Engineer Supervisor, Delaware Basin
Occidental Oil & Gas Corp.

5 Greenway Plaza, Suite 110 | Houston, TX 77046 | GW5 25.131

O: 713-497-2379 | M: 701-690-8645

Ben_Pelton@oxy.com

From: Morency, Allison E <amorency@blm.gov>

Sent: Saturday, August 26, 2023 5:09 PM

To: Pelton, Ben R <Ben_Pelton@oxy.com>; Walls, Christopher <cwalls@blm.gov>

Cc: Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Mendez, Michael <Michael_Mendez@oxy.com>; Granier, Garrett E <Garrett_Granier@oxy.com>; Immatty, Keith P <kimmatty@blm.gov>

Subject: RE: [EXTERNAL] Re: LLAMA MALL 26_35 FED COM 313H Castile Losses

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

Also, I forgot to mention. If you get returns, you should switch back to the brine per C. Walls.

Sincerely,
Allison Morency
Petroleum Engineer
Carlsbad Field Office
Bureau of Land Management
575-234-5709

From: Morency, Allison E
Sent: Saturday, August 26, 2023 3:05 PM
To: Pelton, Ben R <Ben_Pelton@oxy.com>; Walls, Christopher <cwalls@blm.gov>
Cc: Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Mendez, Michael <Michael_Mendez@oxy.com>; Granier, Garrett E <Garrett_Granier@oxy.com>; Immatty, Keith P <kimmatty@blm.gov>
Subject: RE: [EXTERNAL] Re: LLAMA MALL 26_35 FED COM 313H Castile Losses

As the high risk interval for dissolution of salt is between ~1600' and 3300' and is going to be drilled with a salt saturated mud, that is the main concern eliminated.

If the LCM does not correct the loss issue (which based on the offset data is likely), you have approval to utilize a produced water mud starting 100' below the Salado interval. Please reach out if you have any other issues.

Sincerely,
Allison Morency
Petroleum Engineer
Carlsbad Field Office
Bureau of Land Management
575-234-5709

From: Pelton, Ben R <Ben_Pelton@oxy.com>
Sent: Saturday, August 26, 2023 12:53 PM
To: Morency, Allison E <amorency@blm.gov>; Walls, Christopher <cwalls@blm.gov>
Cc: Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Mendez, Michael <Michael_Mendez@oxy.com>; Granier, Garrett E <Garrett_Granier@oxy.com>; Immatty, Keith P <kimmatty@blm.gov>
Subject: [EXTERNAL] Re: LLAMA MALL 26_35 FED COM 313H Castile Losses

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Follow up: Just checked the produced water pond, 9.2 ppg with 105k chlorides.

From: Pelton, Ben R
Sent: Saturday, August 26, 2023 1:07:37 PM
To: amorency@blm.gov <amorency@blm.gov>; Walls, Christopher <cwalls@blm.gov>

Cc: Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Mendez, Michael <Michael_Mendez@oxy.com>; Granier, Garrett E <Garrett_Granier@oxy.com>; Immatty, Keith P <kimmatty@blm.gov>

Subject: LLAMA MALL 26_35 FED COM 313H Castile Losses

Allison,

Well Info:

LLAMA MALL 26_35 FED COM 313H

API: 3002550301

Rig: Citadel 2

As discussed on the phone we encountered severe losses at 3450', 150' into the Castile while drilling our 12.25" intermediate. We are drilling with a 9.0ppg brine based direct emulsion system. We have had similar issues 2 miles East on state wells in Avogato where we couldn't cure the losses with cement or LCM. We plan to spot heavy LCM and will attempt to establish full returns. A contingency 9.625 string is planned to be set at base of the Cherry Canyon on this one. If we cannot establish returns we cannot continue with direct emulsion due to volume constraints. There was also losses seen on Stack Cats (1 section east) in the Bell Canyon. Given that data, we would strongly prefer to get our intermediate contingency casing to base of Cherry. The question is if we are unable to keep returns from here, can we keep brine on the backside and drill ahead with 9.0-9.2 ppg produced water on total losses? Salts above the loss zone will be covered by our saturated brine system as we will be drilling without returns. Salts below 3450' will be exposed to produced water. Please reach out if you have any questions on the matter.

Formation tops:

MD	TVD	FORMATION TOPS
984	984	RUSTLER
1,591	1,591	SALADO
3,306	3,306	CASTILE
4,804	4,804	DELAWARE
4,880	4,880	BELL CANYON
5,724	5,721	CHERRY CANYON
7,022	6,999	BRUSHY CANYON
8,699	8,651	BONE SPRING
9,813	9,761	BONE SPRING 1ST
10,081	10,029	Second Bone Spring Limestone
10,501	10,449	BONE SPRING 2ND
10,812	10,760	Second Bone Spring Lower Sandstone
10,934	10,882	Third Bone Spring Limestone
11,616	11,561	BONE SPRING 3RD
11,734	11,671	Third Bone Spring Sandstone_C
11,851	11,770	Third Bone Spring Sandstone_B

Thanks,

Ben Pelton

**Drilling Engineer Supervisor, Delaware Basin
Occidental Oil & Gas Corp.**

5 Greenway Plaza, Suite 110 | Houston, TX 77046 | GW5 25.131

O: 713-497-2379 | M: 701-690-8645

Ben_Pelton@oxy.com

Well Name: LLAMA MALL 26-35 FEDERAL COM	Well Location: T22S / R32E / SEC 26 / LOT 4 /	County or Parish/State: /
Well Number: 33H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM086149	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550311	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2757602

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 10/23/2023	Time Sundry Submitted: 11:29
Date Operation Actually Began: 09/06/2023	

Actual Procedure: 09/06/2023: NU BOP Test 250 low, 5000 high. Test 13 3/8" casing to 1900 psi for 30 min, good test. Drill hole to new formation 1008', Perform FIT 8.9 ppg EMW, 546 psi, good test. 9/10/2023– Drill 12 1/4" hole to 7075'. RIH with 9 5/8" 40# L80 to 7055'. Cement Stage 1 with Class H, 13.2 ppg, 1.35 yield, 914 sx, then Perform 2nd Stage, Lead class H cement 396 sx, 13.3 ppg, 1.79 yield. Tail Class H 327 sx, 13.2 ppg, 1.98 yield. Perform braden head Top of job with 237 sx Class H cement, 1.35 yield, 14.8 ppg, TOC is 0'. 09/14/2023: NU BOP Test 250 low, 5000 high. Test 9 5/8" casing to 3150 psi for 30 min, good test. Drill hole to new formation 7085', Perform FIT 9.6 ppg EMW 9.6ppg, 440 psi, good test. 9/16/2023– Drill 8.75" hole to 11357'. RIH with 7 5/8" 26.4# L80 to 11375'. Cement Stage 1 with Class H, 13.2 ppg, 1.79 yield, 349 sx, then Perform 2nd Stage, Lead class H cement 175 sx, 13.3 ppg, 1.79 yield. Tail Class H 345 sx, 13.3 ppg, 1.98 yield. TOC is 0'.

Well Name: LLAMA MALL 26-35 FEDERAL COM	Well Location: T22S / R32E / SEC 26 / LOT 4 /	County or Parish/State: /
Well Number: 33H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM086149	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550311	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SARAH MCKINNEY	Signed on: OCT 23, 2023 11:29 AM
Name: OXY USA INCORPORATED	
Title: Regulatory Analyst Sr	
Street Address: 5 GREENWAY PLAZA SUITE 110	
City: HOUSTON	State: TX
Phone: (713) 215-7295	
Email address: SARAH_MCKINNEY@OXY.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 10/26/2023
Signature: Jonathon Shepard	

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 400176

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 400176
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	PT details for the intermediate 2 casing must be submitted on the next drilling sundry.	3/17/2025
matthew.gomez	For future reference, all casing strings that utilize a bradenhead squeeze cementing program are required to run and submit a CBL.	3/17/2025
matthew.gomez	Operator failed to circulate cement on the intermediate 1 string as prescribed in previous conditions of approval notes, the failure to follow a COA will result in review for potential compliance actions.	3/17/2025