

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
STACK CATS 25-	22H	3002551752	NMNM2379	NMNM2379	OXY USA
LLAMA MALL 26-	24H	3002550307	NMNM2379	NMNM2379	OXY USA
LLAMA MALL 26-	25H	3002550308	NMNM2379	NMNM2379	OXY USA
STACK CATS 25-	24H	3002551754	NMNM2379	NMNM2379	OXY USA
STACK CATS 25-	25H	3002551755	NMNM2379	NMNM2379	OXY USA
STACK CATS 25-	26H	3002551756	NMNM2379	NMNM2379	OXY USA
LLAMA MALL 26-	22H	3002550305	NMNM086149	NMNM086149	OXY USA
STACK CATS 25-	23H	3002551753	NMNM2379	NMNM2379	OXY USA
LLAMA MALL 26-	23H	3002550306	NMNM086149	NMNM086149	OXY USA

Notice of Intent

Sundry ID: 2777229

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/29/2024

Time Sundry Submitted: 06:59

Date proposed operation will begin: 02/14/2024

Procedure Description: OXY USA INC. respectfully requests approval to amend the subject well AAPDs. See the attached verbal email approval explaining OXY's request to drill blind, and amend the production casing to run the 5-1/2" long string from surface to TD-ish. The previous design had a 7" x5-1/2" tapered production string.

NOI Attachments

Procedure Description

LlamaMall_StackCatDrillingVerbalBulkSundryEmailApproval2_14_2024_20240229065842.pdf

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: LESLIE REEVES

Signed on: FEB 29, 2024 06:58 AM

Name: OXY USA INCORPORATED

Title: Advisor Regulatory

Street Address: 5 GREENWAY PLAZA, SUITE 110

City: HOUSTON **State:** TX

Phone: (713) 497-2492

Email address: LESLIE_REEVES@OXY.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY

BLM POC Title: ENGINEER

BLM POC Phone: 5759884722

BLM POC Email Address: KIMMATTY@BLM.GOV

Disposition: Accepted

Disposition Date: 04/15/2024

Signature: KEITH IMMATTY

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. (include area code)

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Batch Well Data

LLAMA MALL 26-35 FEDERAL COM 22H, US Well Number: 3002550305, Case Number: NMNM086149, Lease Number: NMNM086149,
Operator:OXY USA INCORPORATED

LLAMA MALL 26-35 FEDERAL COM 23H, US Well Number: 3002550306, Case Number: NMNM086149, Lease Number: NMNM086149,
Operator:OXY USA INCORPORATED

LLAMA MALL 26-35 FEDERAL 24H, US Well Number: 3002550307, Case Number: NMNM2379, Lease Number: NMNM2379,
Operator:OXY USA INCORPORATED

LLAMA MALL 26-35 FEDERAL 25H, US Well Number: 3002550308, Case Number: NMNM2379, Lease Number: NMNM2379,
Operator:OXY USA INCORPORATED

STACK CATS 25-36 FEDERAL COM 22H, US Well Number: 3002551752, Case Number: NMNM2379, Lease Number: NMNM2379,
Operator:OXY USA INCORPORATED

STACK CATS 25-36 FEDERAL COM 23H, US Well Number: 3002551753, Case Number: NMNM2379, Lease Number: NMNM2379,
Operator:OXY USA INCORPORATED

STACK CATS 25-36 FEDERAL COM 24H, US Well Number: 3002551754, Case Number: NMNM2379, Lease Number: NMNM2379,
Operator:OXY USA INCORPORATED

STACK CATS 25-36 FEDERAL COM 25H, US Well Number: 3002551755, Case Number: NMNM2379, Lease Number: NMNM2379,
Operator:OXY USA INCORPORATED

STACK CATS 25-36 FEDERAL COM 26H, US Well Number: 3002551756, Case Number: NMNM2379, Lease Number: NMNM2379,
Operator:OXY USA INCORPORATED

RE: [EXTERNAL] RE: Stack Cats / Llama Mall Verbal Approval Request

Immatty, Keith P <kimmatty@blm.gov>

Wed 2/14/2024 9:53 AM

To: Keith, Kyle <Kyle_Keith@oxy.com>

Cc: Pelton, Ben R <Ben_Pelton@oxy.com>; Wendt, Cameron A <Cameron_Wendt@oxy.com>; Reeves, Leslie T <Leslie_Reeves@oxy.com>; Krneta, Filip <Filip_Krneta@oxy.com>; Maxwell, Price A <Price_Maxwell@oxy.com>; Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Swafford, Kurt D <Kurt_Swafford@oxy.com>

Perfect. Reviewed and is OK on our end.

Regards,

Keith Immatty

From: Keith, Kyle <Kyle_Keith@oxy.com>

Sent: Wednesday, February 14, 2024 6:49 AM

To: Immatty, Keith P <kimmatty@blm.gov>

Cc: Pelton, Ben R <Ben_Pelton@oxy.com>; Wendt, Cameron A <Cameron_Wendt@oxy.com>; Reeves, Leslie T <Leslie_Reeves@oxy.com>; Krneta, Filip <Filip_Krneta@oxy.com>; Maxwell, Price A <Price_Maxwell@oxy.com>; Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Swafford, Kurt D <Kurt_Swafford@oxy.com>

Subject: [EXTERNAL] RE: Stack Cats / Llama Mall Verbal Approval Request

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

Thanks Keith. See responses below in red.

Regards,

-Kyle

From: Immatty, Keith P <kimmatty@blm.gov>

Sent: Tuesday, February 13, 2024 5:12 PM

To: Keith, Kyle <Kyle_Keith@oxy.com>

Cc: Pelton, Ben R <Ben_Pelton@oxy.com>; Wendt, Cameron A <Cameron_Wendt@oxy.com>; Reeves, Leslie T <Leslie_Reeves@oxy.com>; Krneta, Filip <Filip_Krneta@oxy.com>; Maxwell, Price A <Price_Maxwell@oxy.com>; Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Swafford, Kurt D <Kurt_Swafford@oxy.com>

Subject: RE: [EXTERNAL] Stack Cats / Llama Mall Verbal Approval Request

Kyle,

Set depth changes and casing design updates reviewed and is OK. The proposed way of sundry-ing them works for me.

As far as drilling blind goes, since its being scaled to a larger number of wells could you elaborate on the following questions for documentation/ later review?

- 1. Managing Losses
 - a. What does re-establishing returns / curing losses look like?
 - i. **We have been trying to heal up losses with a 100-130 ppb LCM pill**
 - b. How many attempts are made and how long do you try before making the decision to drill blind?
 - i. **We will attempt to spot the LCM pill and spend at least 6 hrs letting it soak.**
- 2. How are well control risks reviewed and managed?
 - a. Are there any offset indications of an influx? What is the risk of taking a hydrocarbon influx in the interval?
 - i. **No indications of shallow flows or gas that would pose a well control concern. We will keep the hole full of Kill weight mud (Brine) to help remove any risk of well control and help preserve the salts.**
 - b. What monitoring is in place, if returns/ PVT is not relied on well control?
 - i. **We will have a rotating head installed and keep the orbit valve closed when drilling blind that will allow us to monitor for pressure on the annulus when drilling. If we see pressure on the back side. We will go through our procedure to check for flow and either take returns or bullhead to remove pressure / flows.**

Regards,

Keith Immatty

From: Keith, Kyle <Kyle_Keith@oxy.com>

Sent: Tuesday, February 13, 2024 2:50 PM

To: Immatty, Keith P <kimmatty@blm.gov>

Cc: Pelton, Ben R <Ben_Pelton@oxy.com>; Wendt, Cameron A <Cameron_Wendt@oxy.com>; Reeves, Leslie T <Leslie_Reeves@oxy.com>; Krneta, Filip <Filip_Krneta@oxy.com>; Maxwell, Price A <Price_Maxwell@oxy.com>; Threadgill, Kevin T <Kevin_Threadgill@oxy.com>; Swafford, Kurt D <Kurt_Swafford@oxy.com>

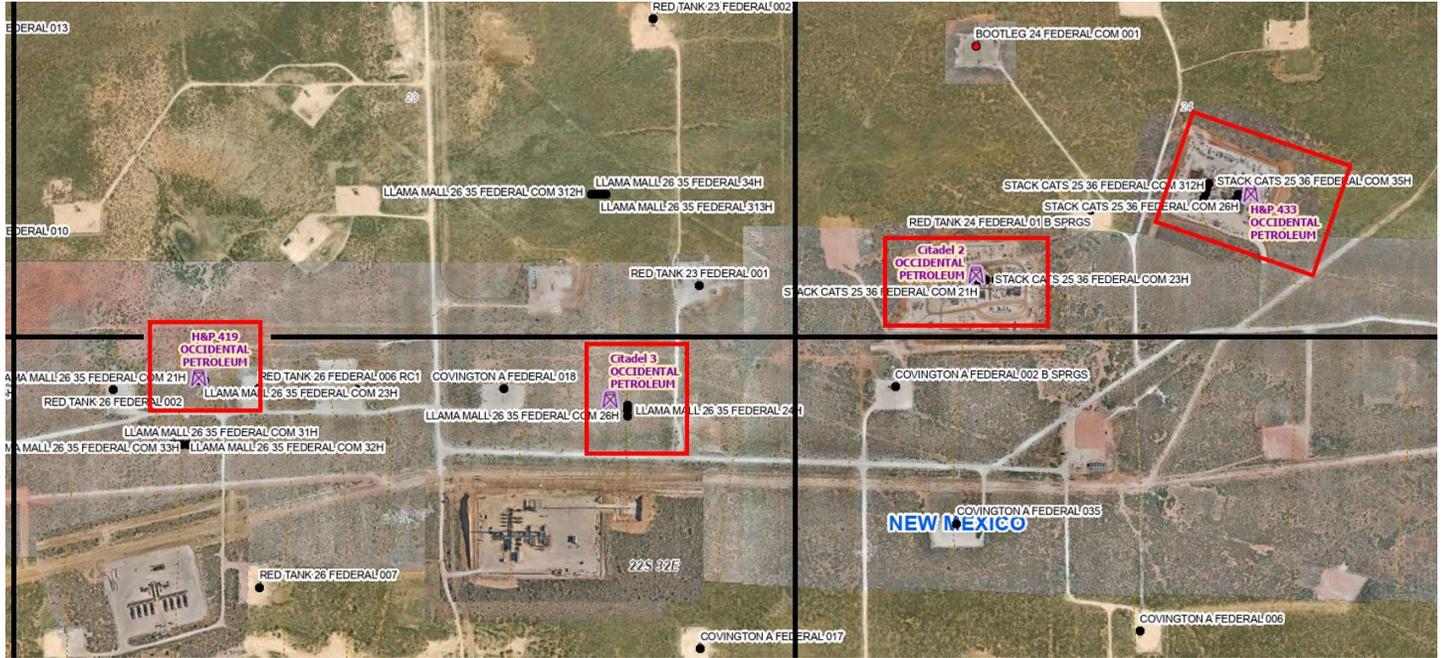
Subject: [EXTERNAL] Stack Cats / Llama Mall Verbal Approval Request

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

Keith,

Following up on this original email that Ben sent.

As discussed on the phone earlier today we have 4 rigs running in the Stack Cats / Llama Mall Area and are seeing full losses @ ~3,500ft across multiple rigs. There were several items that we spoke about earlier today, I will outline them below.



This list includes all wells that are currently drilling in the Stack Cats / Llama Mall area.

API	Permit #	Name	Rig
30-025-50305	10400070920	LLAMA MALL 26_35 FED COM 22H	H&P 419
30-025-50306	10400070938	LLAMA MALL 26_35 FED COM 23H	H&P 419
30-025-50307	10400070956	LLAMA MALL 26_35 FED 24H	Citadel 3
30-025-50308	10400070959	LLAMA MALL 26_35 FED 25H	Citadel 3
30-025-51752	10400082346	STACK CATS 25_36 FED COM 22H	Citadel 2
30-025-51753	10400082347	STACK CATS 25_36 FED COM 23H	Citadel 2
30-025-51754	10400082348	STACK CATS 25_36 FED COM 24H	H&P 433
30-025-51755	10400082387	STACK CATS 25_36 FED COM 25H	H&P 433
30-025-51756	10400082388	STACK CATS 25_36 FED COM 26H	H&P 433

1. We would like to expand the last email below to cover drilling blind on the additional Llama Mall wells shown in the table above.
2. Have the option to change back to the original approved Intermediate set depth (500ft above the Brushy top).
 - a. This will be a case-by-case basis, first one we need to set shorter is the Stack Cats 22H, but all others could be potential candidates, verbal approval requested to cover all wells if needed above.
 - b. Final Sundries will be submitted for each that we need to set shorter than previous sundry.
3. Change all wells back to the original approved production casing 5.5" Long string vs the sundried 7" x 5.5" Taper string.
 - a. We will submit a formal blanket sundry including all wells above.

This example is for the Stack Cats 22H – Shows intermediate set depth 500ft above Brushy and 5.5" Long string production, as well as example cementing program.

1. Geologic Formations

TVD of Target (ft):	10782	Pilot Hole Depth (ft):	
Total Measured Depth (ft):	21427	Deepest Expected Fresh Water (ft):	1020

Delaware Basin

Formation	MD-RKB (ft)	TVD-RKB (ft)	Expected Fluids
Rustler	1020	1020	
Salado	1665	1665	Salt
Castile	3478	3478	Salt
Delaware	4886	4886	Oil/Gas/Brine
Bell Canyon	4980	4980	Oil/Gas/Brine
Cherry Canyon	5779	5779	Oil/Gas/Brine
Brushy Canyon	7087	7086	Losses
Bone Spring	8743	8719	Oil/Gas
Bone Spring 1st	9835	9832	Oil/Gas
Bone Spring 2nd	10640	10509	Oil/Gas
Bone Spring 3rd			Oil/Gas
Wolfcamp			Oil/Gas
Penn			Oil/Gas
Strawn			Oil/Gas

2. Casing Program

Section	Hole Size (in)	MD		TVD		Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
		From (ft)	To (ft)	From (ft)	To (ft)				
Surface	17.5	0	1080	0	1080	13.375	54.5	J-55	BTC
Salt	12.25	0	6586	0	6586	9.625	40	L-80 HC	BTC
Production	8.5	0	21427	0	10782	5.5	20	P-110	Wedge 461

3. Cementing Program

Section	Stage	Slurry:	Sacks	Yield (ft^3/ft)	Density (lb/gal)	Excess:	TOC	Placement	Description
Surface	1	Surface - Tail	1127	1.33	14.8	100%	-	Circulate	Class C+Accel.
Int.	1	Intermediate 1S - Tail	199	1.65	13.2	5%	5,591	Circulate	Class H+Accel., Disper., Salt
Int.	2	Intermediate 2S - Tail BH	1262	1.71	13.3	25%	-	Bradenhead	Class C+Accel.
Prod.	1	Production - Tail	2761	1.38	13.2	15%	7,091	Circulate	Class C/H+Ret., Disper., Salt
Prod.	2	Production 2S - Tail BH	1106	1.71	13.3	50%	-	Bradenhead	Class C/H+Accel.

Regards,

Kyle Keith

Sr. Drilling Engineer
 ORCM Ops Del D&C Drl Eng NM
 Occidental Oil & Gas Corp.
 (C) 417.496.5489
kyle_keith@oxy.com

From: Immatty, Keith P <kimmatty@blm.gov>
 Sent: Thursday, February 8, 2024 8:22 AM
 To: Pelton, Ben R <Ben_Pelton@oxy.com>
 Cc: Reeves, Leslie T <Leslie_Reeves@oxy.com>; Krneta, Filip <Filip_Krneta@oxy.com>; Wendt, Cameron A <Cameron_Wendt@oxy.com>
 Subject: RE: [EXTERNAL] Stack Cats 26H Losses

Reviewed and is OK. When cementing these wells, if there is any indication that the bradenhead job is subpar, or confidence is lacking that there is good cement across top of Bone Spring, Delaware or across the salt, please plan to run CBL and verify.

Regards,

Keith Immatty

From: Pelton, Ben R <Ben_Pelton@oxy.com>
 Sent: Wednesday, February 7, 2024 5:57 PM
 To: Immatty, Keith P <kimmatty@blm.gov>
 Cc: Reeves, Leslie T <Leslie_Reeves@oxy.com>; Krneta, Filip <Filip_Krneta@oxy.com>; Wendt, Cameron A <Cameron_Wendt@oxy.com>
 Subject: [EXTERNAL] Stack Cats 26H Losses

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

Keith,

Thanks for taking my call outside of working hours. Greatly appreciated. As discussed on the phone we encountered total losses on Stack Cats 26H at 3566', around 120' into Castile while drilling our 12.25" intermediate. We are drilling with a <9.0ppg brine based direct emulsion system. We have had similar issues nearby where we couldn't cure the losses with cement or LCM. We plan to spot heavy LCM and will attempt to establish full returns. If we cannot establish returns plan forward will be to keep brine/direct emulsion on the backside and drill ahead on produced water without returns. If we regain returns at any time we will swap back to direct emulsion and ensure produced water doesn't come in contact with any formation above castile. Given the same issue in the area I wanted to confirm we had approval to proceed without returns on the current well and other wells in this campaign if same issue arises?

Wells:

API	Name	Rig
30-025-51752	STACK CATS 25_36 FED COM 22H	Citadel 2
30-025-51753	STACK CATS 25_36 FED COM 23H	Citadel 2
30-025-51754	STACK CATS 25_36 FED COM 24H	H&P 433
30-025-51755	STACK CATS 25_36 FED COM 25H	H&P 433
30-025-51756	STACK CATS 25_36 FED COM 26H	H&P 433

Formation tops:

MD	TVD	FORMATION TOPS
1,018	1,018	RUSTLER
1,660	1,660	SALADO
3,442	3,442	CASTILE
4,868	4,868	DELAWARE
4,964	4,964	BELL CANYON
5,785	5,776	CHERRY CANYON
7,132	7,081	BRUSHY CANYON
8,819	8,715	BONE SPRING

Thanks,

Ben Pelton

Drilling Engineer Supervisor, Delaware Basin

Occidental Oil & Gas Corp.

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

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

Ben.Pelton@oxy.com

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 337965

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 337965
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	PREVIOUS COA'S APPLY	4/26/2024