

Well Name: MESA VERDE BS UNIT	Well Location: T24S / R32E / SEC 16 / SWSW / 32.2109483 / -103.6864575	County or Parish/State: LEA / NM
Well Number: 74H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM55953	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548819	Operator: OXY USA INCORPORATED	

Notice of Intent

Sundry ID: 2816991

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 10/15/2024	Time Sundry Submitted: 09:10
Date proposed operation will begin: 10/15/2024	

Procedure Description: OXY USA Inc., respectfully requests to amend the subject AAPD. A drilling verbal was granted on 10/15/24 for the following: Deepen the intermediate casing point to a full “maxi-curve” setup to case off the entire 2nd bone spring and set intermediate casing at landing point to avoid the risk of depletion. - Deeper set intermediate casing - Cement volumes updated to meet cement top requirements

NOI Attachments

- Procedure Description
- MesaVerdeBSU74H_Updated_Drill_Plan_20241015090929.pdf
 - Drilling_Verbal_Approval_10.15.24_20241015090914.pdf

Well Name: MESA VERDE BS UNIT

Well Location: T24S / R32E / SEC 16 / SWSW / 32.2109483 / -103.6864575

County or Parish/State: LEA / NM

Well Number: 74H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM55953

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002548819

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: MELISSA GUIDRY

Signed on: OCT 15, 2024 09:09 AM

Name: OXY USA INCORPORATED

Title: Advisor Regulatory Sr.

Street Address: 5 GREENWAY PLAZA SUITE 110

City: HOUSTON

State: TX

Phone: (713) 497-2481

Email address: MELISSA_GUIDRY@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: 10/29/2024

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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. NMNM55953
		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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. MESA VERDE BS UNIT/74H
2. Name of Operator OXY USA INCORPORATED		9. API Well No. 3002548819
3a. Address P.O. BOX 1002, TUPMAN, CA 93276-1002	3b. Phone No. (include area code) (661) 763-6046	10. Field and Pool or Exploratory Area MESA VERDE/BONE SPRING
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 16/T24S/R32E/NMP		11. Country or Parish, State LEA/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 checked="" 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 recompleate 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 perfonned 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 detennined that the site is ready for final inspection.)

OXY USA Inc., respectfully requests to amend the subject AAPD. A drilling verbal was granted on 10/15/24 for the following:

Deepen the intermediate casing point to a full maxi-curve setup to case off the entire 2nd bone spring and set intermediate casing at landing point to avoid the risk of depletion.

- Deeper set intermediate casing
- Cement volumes updated to meet cement top requirements

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) MELISSA GUIDRY / Ph: (713) 497-2481	Title Advisor Regulatory Sr.
Signature (Electronic Submission)	Date 10/15/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by KEITH P IMMATTY / Ph: (575) 988-4722 / Accepted	Title ENGINEER	Date 10/30/2024
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 CARLSBAD	

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

Location of Well

0. SHL: SWSW / 250 FSL / 535 FWL / TWSP: 24S / RANGE: 32E / SECTION: 16 / LAT: 32.2109483 / LONG: -103.6864575 (TVD: 0 feet, MD: 0 feet)

PPP: SESW / 100 FSL / 1700 FWL / TWSP: 24S / RANGE: 32E / SECTION: 16 / LAT: 32.2105427 / LONG: -103.6826911 (TVD: 11145 feet, MD: 11630 feet)

PPP: SESW / 9 FSL / 1696 FWL / TWSP: 24S / RANGE: 32E / SECTION: 9 / LAT: 32.22476 / LONG: -103.682698 (TVD: 11145 feet, MD: 16803 feet)

BHL: NENW / 20 FNL / 2295 FWL / TWSP: 24S / RANGE: 32E / SECTION: 9 / LAT: 32.2392494 / LONG: -103.6827045 (TVD: 11145 feet, MD: 22075 feet)

Oxy USA Inc. - MESA VERDE BS UNIT 74H

Drill Plan

1. Geologic Formations

TVD of Target (ft):	11129	Pilot Hole Depth (ft):	
Total Measured Depth (ft):	22184	Deepest Expected Fresh Water (ft):	921

Delaware Basin

Formation	MD-RKB (ft)	TVD-RKB (ft)	Expected Fluids
Rustler	921	921	
Salado	1230	1230	Salt
Castile	3136	3136	Salt
Delaware	4733	4732	Oil/Gas/Brine
Bell Canyon	4755	4754	Oil/Gas/Brine
Cherry Canyon	5659	5645	Oil/Gas/Brine
Brushy Canyon	7031	6954	Losses
Bone Spring	8830	8665	Oil/Gas
Bone Spring 1st	9983	9762	Oil/Gas
Bone Spring 2nd	10607	10355	Oil/Gas
Bone Spring 3rd			Oil/Gas
Wolfcamp			Oil/Gas
Penn			Oil/Gas
Strawn			Oil/Gas

*H2S, water flows, loss of circulation, abnormal pressures, etc.

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	14.75	0	981	0	981	10.75	45.5	J-55	BTC
Intermediate	9.875	0	11742	0	11129	7.625	26.4	L-80 HC	BTC
Production	6.75	0	22184	0	11129	5.5	20	P-110	Sprint-SF

All casing strings will be tested in accordance with 43 CFR part 3170 Subpart 3172

All Casing SF Values will meet or exceed those below			
SF Collapse	SF Burst	Body SF Tension	Joint SF Tension
1.00	1.100	1.4	1.4

	Y or N
Is casing new? If used, attach certification as required in 43 CFR 3160	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	Y
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

3. Cementing Program

Section	Stage	Slurry:	Sacks	Yield (ft ³ /ft)	Density (lb/gal)	Excess:	TOC	Placement	Description
Surface	1	Surface - Tail	821	1.33	14.8	100%	-	Circulate	Class C+Accel.
Int.	1	Intermediate 1S - Tail	599	1.68	13.2	5%	7,281	Circulate	Class C+Ret., Disper.
Int.	2	Intermediate 2S - Tail BH	1123	1.71	13.3	25%	-	Bradenhead	Class C+Accel.
Prod.	1	Production - Tail	620	1.84	13.3	25%	11,242	Circulate	Class C+Ret.

Offline Cementing Request

Oxy requests a variance to cement the 9.625" and/or 7.625" intermediate casing strings offline in accordance to the approved variance, EC Tran 461365. Please see Offline Cementing Variance

Bradenhead CBL Request

Oxy requests permission to adjust the CBL requirement after bradenhead cement jobs, on 7-5/8" intermediate casings, as per the agreement reached in the OXY/BLM meeting on September 5, 2019. Please see Bradenhead CBL Variance attachment for further details.

4. Pressure Control Equipment

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type		✓	Tested to:	Deepest TVD Depth (ft) per Section:
9.875" Hole	13-5/8"	5M	Annular		✓	70% of working pressure	11129
		5M	Blind Ram		✓	250 psi / 5000 psi	
			Pipe Ram				
			Double Ram		✓		
			Other*				
6.75" Hole	13-5/8"	5M	Annular		✓	100% of working pressure	11129
		10M	Blind Ram		✓	250 psi / 10000 psi	
			Pipe Ram				
			Double Ram		✓		
			Other*				

*Specify if additional ram is utilized

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per 43 CFR part 3170 Subpart 3172 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke

5M Annular BOP Request

Per BLM's Memorandum No. NM-2017-008: *Decision and Rationale for a Variance Allowing the Use of a 5M Annular Preventer with a 10M BOP Stack*, Oxy requests to employ a 5M annular with a 10M BOPE stack in the pilot and lateral sections of the well and will ensure that two barriers to flow are

	Formation integrity test will be performed per 43 CFR part 3170 Subpart 3172.
	On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with 43 CFR part 3170 Subpart 3172.
	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.
Y	Are anchors required by manufacturer?
	<p>A multibowl or a unionized multibowl wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per 43 CFR part 3170 Subpart 3172 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. We will test the flange connection of the wellhead with a test port that is directly in the flange. We are proposing that we will run the wellhead through the rotary prior to cementing surface casing as discussed with the BLM on October 8, 2015.</p> <p>See attached schematics.</p>

BOP Break Testing Request

Oxy requests permission to adjust the BOP break testing requirements as per the agreement reached in the OXY/BLM meeting on September 5, 2019. Please see BOP Break Testing Variance attachment for further details.

Oxy will use Cameron ADAPT wellhead system that uses an OEC top flange connection. This connection has been fully vetted and verified by API to Spec 6A and carries an API monogram.

5. Mud Program

Section	Depth - MD		Depth - TVD		Type	Weight (ppg)	Viscosity	Water Loss
	From (ft)	To (ft)	From (ft)	To (ft)				
Surface	0	981	0	981	Water-Based Mud	8.6 - 8.8	40-60	N/C
Intermediate	981	11742	981	11129	Saturated Brine-Based or Oil-Based Mud	8.0 - 10.0	35-45	N/C
Production	11742	22184	11129	11129	Water-Based or Oil-Based Mud	9.5 - 12.5	38-50	N/C

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times. The following is a general list of products: Barite, Bentonite, Gypsum, Lime, Soda Ash, Caustic Soda, Nut Plug, Cedar Fiber, Cotton Seed Hulls, Drilling Paper, Salt Water Clay, CACL2. Oxy will use a closed mud system.

What will be used to monitor the loss or gain of fluid?	PVT/MD Totco/Visual Monitoring
---------------------------------------------------------	--------------------------------

6. Logging and Testing Procedures

Logging, Coring and Testing.		
Yes	Will run GR from TD to surface (horizontal well – vertical portion of hole).	
	Stated logs run will be in the Completion Report and submitted to the BLM.	
No	Logs are planned based on well control or offset log information.	
No	Drill stem test? If yes, explain	
No	Coring? If yes, explain	
Additional logs planned		Interval
No	Resistivity	
No	Density	
Yes	CBL	Production string
Yes	Mud log	Bone Spring – TD
No	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	7234 psi
Abnormal Temperature	No
BH Temperature at deepest TVD	170°F

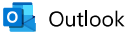
Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of 43 CFR part 3170 Subpart 3172. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.

N	H2S is present
Y	H2S Plan attached

8. Other facets of operation

	Yes/No
Will the well be drilled with a walking/skidding operation? If yes, describe. We plan to drill the 2 well pad in batch by section: all surface sections, intermediate sections and production sections. The wellhead will be secured with a night cap whenever the rig is not over the well.	Yes
Will more than one drilling rig be used for drilling operations? If yes, describe. Oxy requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that Oxy would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the snudder rig .	Yes
Total Estimated Cuttings Volume: 1689 bbls	



RE: [EXTERNAL] Design Change Sundry Needed - Mesa Verde BS Unit 74H - Upcoming Operations

From Immatty, Keith P <kimmatty@blm.gov>
Date Tue 10/15/2024 8:28 AM
To Goedde, Tyler A <Tyler_Goedde@oxy.com>
Cc Maxwell, Price A <Price_Maxwell@oxy.com>; Swafford, Kurt D <Kurt_Swafford@oxy.com>; Keith, Kyle <Kyle_Keith@oxy.com>; Reeves, Leslie T <Leslie_Reeves@oxy.com>; Guidry, Melissa C <Melissa_Guidry@oxy.com>; Mendiola, Jana Lyn A <Janalyn_Mendiola@oxy.com>

Reviewed and is OK. Please sundry with a copy of this email.

From: Goedde, Tyler A <Tyler_Goedde@oxy.com>
Sent: Tuesday, October 15, 2024 6:50 AM
To: Immatty, Keith P <kimmatty@blm.gov>
Cc: Maxwell, Price A <Price_Maxwell@oxy.com>; Swafford, Kurt D <Kurt_Swafford@oxy.com>; Keith, Kyle <Kyle_Keith@oxy.com>; Reeves, Leslie T <Leslie_Reeves@oxy.com>; Guidry, Melissa C <Melissa_Guidry@oxy.com>; Mendiola, Jana Lyn A <Janalyn_Mendiola@oxy.com>
Subject: [EXTERNAL] Design Change Sundry Needed - Mesa Verde BS Unit 74H - Upcoming Operations

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

Good Morning Keith,

On H&P 479's current pad, we would like to make a change to our intermediate casing set depth on the Mesa Verde BS Unit 74H. Our recently approved sundry, has the intermediate casing set at ~ 45 degrees in the curve. We would like to deepen the intermediate casing point to a full "maxi-curve" setup to case off the entire 2nd bone spring and set intermediate casing at landing point to avoid the risk of depletion.

The details and scope of this change are highlighted below.

Let me know if you have any questions or need anything else to review this change. Thanks!

Wells in Scope:

Well Name	API	APD #
Mesa Verde BS Unit 74H	30-025-48819	10400052371

Mesa Verde BS Unit 74H
Currently Permitted Design:

Section	Hole Size (in)	MD		TVD		Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
		From (ft)	To (ft)	From (ft)	To (ft)				
Surface	14.75	0	981	0	981	10.75	45.5	J-55	BTC
Intermediate	9.875	0	11266	0	10950	7.625	26.4	L-80 HC	BTC
Production	6.75	0	22184	0	11129	5.5	20	P-110	Sprint-SF

Section	Stage	Slurry:	Sacks	Yield (ft ³ /ft)	Density (lb/gal)	Excess:	TOC	Placement	Description
Surface	1	Surface - Tail	821	1.33	14.8	100%	-	Circulate	Class C+Accel.
Int.	1	Intermediate 1S - Tail	535	1.68	13.2	5%	7,281	Circulate	Class C+Ret., Disper.
Int.	2	Intermediate 2S - Tail BH	1123	1.71	13.3	25%	-	Bradenhead	Class C+Accel.
Prod.	1	Production - Tail	647	1.84	13.3	25%	10,766	Circulate	Class C+Ret.

- Updated Sundry Design – Changes Needed:
- Deeper set intermediate casing
 - Cement volumes updated to meet cement top requirements

Section	Hole Size (in)	MD		TVD		Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
		From (ft)	To (ft)	From (ft)	To (ft)				
Surface	14.75	0	981	0	981	10.75	45.5	J-55	BTC
Intermediate	9.875	0	11742	0	11129	7.625	26.4	L-80 HC	BTC
Production	6.75	0	22184	0	11129	5.5	20	P-110	Sprint-SF

Section	Stage	Slurry:	Sacks	Yield (ft^3/ft)	Density (lb/gal)	Excess:	TOC	Placement	Description
Surface	1	Surface - Tail	821	1.33	14.8	100%	-	Circulate	Class C+Accel.
Int.	1	Intermediate 1S - Tail	599	1.68	13.2	5%	7,281	Circulate	Class C+Ret., Disper.
Int.	2	Intermediate 2S - Tail BH	1123	1.71	13.3	25%	-	Bradenhead	Class C+Accel.
Prod.	1	Production - Tail	620	1.84	13.3	25%	11,242	Circulate	Class C+Ret.

Thanks,

Tyler Goedde
Drilling Engineer - Delaware ORCM
Occidental Oil and Gas Corporation
Cell: 812.774.0227

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 397065

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 397065
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	1/27/2025
pkautz	Cement is required to circulate on both surface and intermediate1 strings of casing.	1/27/2025