

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.  
NMNM66925

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

MESA VERDE WC UNIT 9H

2. Name of Operator

OXY USA INCORPORATED

Contact: LESLIE REEVES

E-Mail: LESLIE\_REEVES@OXY.COM

9. API Well No.

30-025-45871-00-X1

3a. Address

P O BOX 4294  
HOUSTON, TX 77210-4294

3b. Phone No. (include area code)

Ph: 713-497-2492

10. Field and Pool or Exploratory Area  
WOLFCAMP

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

Sec 18 T24S R32E SESE 422FSL 1254FEL  
32.211319 N Lat, 103.709343 W Lon

11. County or Parish, State

LEA COUNTY, 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 recompleat 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 recompleat 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.

OXY USA INC. respectfully requests to amend the intermediate casing weight, change production casing crossover location and update the annular clearance variance. See the attached revised casing and drill plan information.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #524711 verified by the BLM Well Information System**  
**For OXY USA INCORPORATED, sent to the Hobbs**  
**Committed to AFMSS for processing by PRISCILLA PEREZ on 08/10/2020 (20PP3289SE)**

Name (Printed/Typed) LESLIE REEVES

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 08/10/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By NDUNGU KAMAU

Title PETROLEUM ENGINEER

Date 08/14/2020

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 Hobbs

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

Accepted - KMS NMOCD

## Revisions to Operator-Submitted EC Data for Sundry Notice #524711

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM66925	NMNM66925
Agreement:		
Operator:	OXY USA INC PO 4294 HOUSTON, TX 77210 Ph: 713-497-2492	OXY USA INCORPORATED P O BOX 4294 HOUSTON, TX 77210-4294 Ph: 713.366.5303
Admin Contact:	LESLIE REEVES REGULATORY ADVISOR E-Mail: Leslie_Reeves@oxy.com  Ph: 713-497-2492	LESLIE REEVES REGULATORY ADVISOR E-Mail: LESLIE_REEVES@OXY.COM Cell: 281-733-0824 Ph: 713-497-2492
Tech Contact:	LESLIE REEVES REGULATORY ADVISOR E-Mail: Leslie_Reeves@oxy.com  Ph: 713-497-2492	LESLIE REEVES REGULATORY ADVISOR E-Mail: LESLIE_REEVES@OXY.COM Cell: 281-733-0824 Ph: 713-497-2492
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	MESA VERDE; WOLFCAMP	WOLFCAMP
Well/Facility:	MESA VERDE WOLFCAMP UNIT 9H Sec 18 T24S R32E SWSW 422FSL 1254FEL 32.211319 N Lat, 103.709344 W Lon	MESA VERDE WC UNIT 9H Sec 18 T24S R32E SESE 422FSL 1254FEL 32.211319 N Lat, 103.709343 W Lon

**OXY USA Inc. – Mesa Verde WC Unit 9H –  
Amended Drilling Plan**

**This sundry requests approval of change of intermediate casing weight, change of production casing crossover location and an annular clearance variance.**

API Number	Well Name
30-025-45871	Mesa Verde WC Unit 9H

### 1. Casing Program

Hole Size (in)	Casing Interval		Csg. Size (in)	Weight (lbs)	Grade	Conn.	SF	SF Burst	Buoyant Body SF	Buoyant Joint SF
	From (ft)	To (ft)					Collapse		Tension	Tension
9.875	0	11300	7.625	29.7	L-80 HC	BTC	1.125	1.2	1.4	1.4
6.125	0	10500	5.5	20	P-110	DQX	1.125	1.2	1.4	1.4
6.125	10500	22650	4.5	13.5	P-110	DQX	1.125	1.2	1.4	1.4
SF Values will meet or Exceed										

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

### 2. Cementing Program

Casing String	# Sks	Wt. (lb/gal)	Yld (ft3/sack)	H2O (gal/sk)	500# Comp. Strength (hours)	Slurry Description
Production (Lead)	N/A	N/A	N/A	N/A	N/A	N/A
Production (Tail)	1021	13.2	1.38	6.686	3:39	Class H Cement, Retarder, Dispersant, Salt

Casing String	Top (ft)	Bottom (ft)	% Excess
Production (Lead)	N/A	N/A	N/A
Production (Tail)	10800	22650	20%

### Annular Clearance Variance Request

Oxy requests permission to allow deviation from the 0.422” annular clearance requirement from Onshore Order #2 under the following conditions:

- Annular clearance less than 0.422” is acceptable between surface and 4-1/2”x5-1/2” crossover location at 10,500’ MD. 7-5/8” Intermediate casing ID is 6.875” and 5.5” production casing collar is 6.05” resulting in an annular clearance of 0.4125” within the interval of 0’ – 10,500’ MD. Annular clearance within the cement tie-back zone will exceed the annular clearance requirement due to running 4-1/2” casing from 10,500’- total depth.

### 3. Total estimated cuttings volume: 1612.5 bbls.

# OXY USA Inc. – Mesa Verde WC Unit 9H – Amended Drilling Plan

Mesa Verde WC Unit 9H								GL = 3,568.7', Rig RKB = 3,593.7'	
DEPTH MD	DEPTH TVD	HOLE SIZE	MUD WEIGHT (ppg)	FLUID TYPE	FLOW RANGE (gpm)	FORMATION TOPS	Wellhead: 13-5/8", 10K MNDS	ADDITIONAL INFO	
GROUND LEVEL									
100	100	20"						20" Conductor Pre-installed	
		14-3/4"	8.4-9.2	Spud Mud				10-3/4" Surface Casing - 45.5#/ft J55 BTC ID/Drift: 9.95" / 9.794" Conn OD: 11.75" Burst: 3580 psi Collapse: 2090 psi Axial Body: 715 klbs	
791	791					Rustler			
870	870	14-3/4"						TD Criteria: Into Rustler/Above Salt	
		9-7/8"							
1,161	1,161					Top Salt (Salado)			
3,102	3,102					Castile		<-- Retrievable Bridge Plug - 2525' MD	
								7-5/8" Intermediate Casing - 29.7#/ft HCL-80 BTC ID/Drift: 6.875" / 6.75" Conn OD: 8.5" Burst: 6880 psi Collapse: 6220 psi Axial Body: 683 klbs	
4,644	4,644					Delaware		<-- 5-1/2" x 4-1/2" Crossover @ 10,500'	
								<-- Casing Patch Top @ 10,606' MD <-- Casing Patch Bottom @ 10,637' MD	
10,799	10,745					3rd Bone Spring Lime		<-- Top of Cement @ 10,700' MD	
11,286	11,228	9-7/8"						TD Criteria: In 3BS Lime	
		6-1/8"	11.5-12.5	OBM	250-300	3rd Bone Spring Sand		5-1/2" Production Casing - 20# P-110 DQX to 11,200' MD ID/Drift: 4.778" / 4.653" Conn OD: 6.05" Burst: 12,640 psi Collapse: 11,080 psi Axial Body: 641 klbs	
11,603	11,537					Build/Turn 10°/100			
11,825	11,755								
12,028	11,945					Wolfcamp		4-1/2" Production Casing - 13.5# P-110 DQW 11,200' MD to TD ID/Drift: 3.920" / 3.795" Conn OD: 5.25" Burst: 12,410 psi Collapse: 10,690 psi Axial Body: 422 klbs	
12,734	12,344					Landing Point			
15,184	12,389					89.95° Inc to 90.40° Inc		Cement: 1st Stg Tail: 13.2ppg - 20% Excess Top @ 500' Above Intermediate Shoe	
15,329	12,390					Hold 90.40° Inc to TD			
22,651	12,339	6-1/8"	11.5-12.5	OBM	250-300			Target: WC A2	