

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD

**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.*

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

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**

HOBBS OGD

APR 02 2018

RECEIVED

8. Well Name and No.  
MESA VERDE BS UNIT 8

9. API Well No.  
30-025-44184

10. Field and Pool or Exploratory Area  
MESA VERDE BONE SPRING

11. County or Parish, State  
LEA COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
OXY USA INC  
Contact: DAVID STEWART  
E-Mail: david\_stewart@oxy.com

3a. Address  
P.O. BOX 50250  
MIDLAND, TX 79710  
3b. Phone No. (include area code)  
Ph: 432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 17 T24S R32E SWSW 280FSL 1146FWL  
32.210962 N Lat, 103.701585 W Lon

**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 PD
	<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 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 APD for the Mesa Verde BS Unit #8 - API No. 30-015-44184.

1. Amend the intermediate casing @ 0-4700' and production casing @ 0-20675', see attached.

2. Amend the surface, intermediate and production casing cementing program. OXY also requests to pump a two stage production casing cement job with the first stage being pumped conventionally with the calculated TOC @ the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the top of the Brushy Canyon to 500' inside the intermediate casing @ 4200', see attached.

3. Amend the mud program, depth and type, see attached.

*Well already drilled*

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

Electronic Submission #403737 verified by the BLM Well Information System  
For OXY USA INC, sent to the Hobbs  
Committed to AFMSS for processing by MUSTAFA HAQUE on 02/08/2018 ()

Name (Printed/Typed) DAVID STEWART Title SR. REGULATORY ADVISOR

Signature (Electronic Submission) Date 02/07/2018

ACCEPTED FOR RECORD

THIS 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 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD 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)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #403737 that would not fit on the form**

**32. Additional remarks, continued**

Note: This well was originally permitted as the Mesa Verde 17-8 Federal Com 2H.

Unit Number: NMNM137096X

**OXY USA Inc. – Mesa Verde BS Unit #8 – 30-025-44184 – Amended Drill Plan**  
**Mesa Verde 17-8 Federal Com #2H**

**Casing Program**

Hole Size (in)	Casing Interval		Csg. Size (in)	Weight (lbs)	Grade	Conn.	Buoyant Buoyant			
	From (ft)	To (ft)					SF Collapse	SF Burst	Body SF Tension	Joint SF Tension
17.5	0	953	13.375	54.5	J55	BTC	1.125	1.2	1.4	1.4
12.25	0	4700	9.625	47	J55	BTC	1.125	1.2	1.4	1.4
8.5	0	20675	5.5	20	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

**Cementing Program**

Casing	# Sk	Wt. (lb/gal)	Yld (ft <sup>3</sup> /sack)	H <sub>2</sub> O (gal/sk)	500# Comp. Strength (hours)	Slurry Description
Surface	1200	14.8	1.36	6.42	6:50	Class C Cement, Accelerator
Intermediate Casing	1200	12.9	1.88	10.13	15:07	Pozzolan Cement, Retarder
	150	14.8	1.33	6.42	6:31	Class C Cement, Retarder, Dispersant, Salt
Production Casing Stage 1	280	13.2	1.65	8.62	19:09	Class C Cement
	1550	13.2	1.65	8.62	15:15	Class H Cement, Retarder, Dispersant, Salt
Production Casing Stage 2 (Bradenhead Squeeze)	1200	12.9	1.87	10.12	19:09	Class C Cement

Casing String	Top of Lead (ft)	Bottom of Lead (ft)	Top of Tail (ft)	Bottom of Tail (ft)	% Excess Lead	% Excess Tail
Surface	N/A	N/A	0	953	N/A	100%
Intermediate Casing	0	4200	4200	4700	75%	20%
Production Casing Stage 1	6890	8483	8483	20675	5%	5%
Production Casing Stage 2	4200	6890	N/A	N/A	25%	N/A

**Mud Program**

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From (ft)	To (ft)				
0	953	Water-Based Mud	8.4-8.6	40-60	N/C
953	4700	Brine	9.8-10.0	35-45	N/C
4700	20675	Oil-Based Mud	8.2-9.2	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, CaCl<sub>2</sub>. Oxy will use a closed mud system.