

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. P.O. BOX 4294 HOUSTON, TX 77210		² OGRID Number 16696
³ Reason for Filing Code/ Effective Date - NW		
⁴ API Number 30-025-44190	⁵ Pool Name MESA VERDE; BONE SPRING	⁶ Pool Code 96229
⁷ Property Code: 320828	⁸ Property Name: MESA VERDE BONE SPRING UNIT	⁹ Well Number: 15H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
4	18	24S	32E		280	SOUTH	1078	WEST	LEA

¹¹ Bottom Hole Location FTP: 416' FSL' 500' FWL LTP: 169' FNL 430' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	18	24S	32E		29	NORTH	430	WEST	LEA
¹² Lse Code F	¹³ Producing Method Code: F	¹⁴ Gas Connection Date: 09/05/2018	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	GREAT LAKES PETROLEUM TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 03/05/18	²² Ready Date 08/24/18	²³ TD 10421'V/15345'M	²⁴ PBT 10421'V/15296'M	²⁵ Perforations 10483'-15210'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	977'	1010		
9-7/8"	7-5/8"	9542'	1860		
6-3/4"	5-1/2"	15338'	370		

V. Well Test Data

³¹ Date New Oil 09/06/2018	³² Gas Delivery Date 09/05/2018	³³ Test Date 09/11/2018	³⁴ Test Length 24-HOUR	³⁵ Tbg. Pressure	³⁶ Csg. Pressur 1116
³⁷ Choke Size 64/64	³⁸ Oil 2292	³⁹ Water 5278	⁴⁰ Gas 2937		⁴¹ Test Metho FLOWING

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Sarah Chapman

Printed name:
SARAH CHAPMAN

Title:
REGULATORY SPECIALIST

E-mail Address:
sarah_chapman@oxy.com

Date: 11/15/2018 Phone: 713-350-4997

OIL CONSERVATION DIVISION

Approved by: Karen Sharp

Title: Staff Mgr

Approval Date: 11-26-18

Documents pending BLM approvals will subsequently be reviewed and scanned

Provide copies of all logs to NMOCD

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM66925
2. Name of Operator OXY USA INC.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 4294 HOUSTON, TX 77210		7. If Unit or CA/Agreement, Name and/or No. NMNM137096X
3b. Phone No. (include area code) Ph: 713-350-4997		8. Well Name and No. MESA VERDE BS UNIT 15H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T24S R32E 280FSL 1078FWL 32.210896 N Lat, 103.719498 W Lon		9. API Well No. 30-025-44190
		10. Field and Pool or Exploratory Area MESA VERDE BONE SPRING
		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 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 checked="" 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	
	<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.

RUPU 08/08/18 RIH & cleanout to PBTD @ 15296'. Pressure test 5-1/2" csg to 9800# for 30 minutes, good test. RIH & perf from 15210-15113, 15082-14984, 14952-14858, 14824-14727, 14695-14599, 14567-14407, 14438-14341, 14309-14213, 14183-14084, 14052-13958, 13924-13827, 13795-13698, 13666-13570, 13538-13441, 13409-13313, 13281-13184, 13152-13055, 13023-12927, 12893-12798, 12766-12674, 12638-12542, 12509-12412, 12380-12284, 12252-12155, 12123-12026, 11992-11898, 11866-11769, 11737-11641, 11609-11512, 11488-11383, 11351-11255, 11233-11126, 11090-10998, 10966-10865, 10837-10740, 10708-10612, 10580-10483. Total 901 holes. Frac in 37 stages w/ 7113876G slick water & 6309g of 7.5% HCl w/ 4633290# sand. RD Schlumberger 8/20/18. Turn well over to production for clean out, flowback and test.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #444472 verified by the BLM Well Information System For OXY USA INC., sent to the Hobbs	
Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 11/19/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
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 to
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ***Documents pending BLM approvals will
subsequently be reviewed and scanned

UNITED **

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM66925

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. NMNM137096X	
2. Name of Operator OXY USA INC.		8. Lease Name and Well No. MESA VERDE BS UNIT 15H	
3. Address P.O. BOX 4294 HOUSTON, TX 77210		9. API Well No. 30-025-44190	
3a. Phone No. (include area code) Ph: 713-350-4997		10. Field and Pool, or Exploratory MESA VERDE BONE SPRING	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot 4 280FSL 1078FWL 32.210896 N Lat, 103.719498 W Lon At top prod interval reported below Lot 1 169FNL 430FWL 32.224180 N Lat, 103.721500 W Lon At total depth Lot 1 29FNL 430FWL 32.224130 N Lat, 103.721555 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 18 T24S R32E Mer	
14. Date Spudded 03/05/2018		15. Date T.D. Reached 07/28/2018	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/20/2018		17. Elevations (DF, KB, RT, GL)* 3572 GL	
18. Total Depth: MD 15348 TVD 10421		19. Plug Back T.D.: MD 15296 TVD 10421	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA RAY AND MUD LOG	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	977		1010	245	0	
9.875	7.625 L80	29.7	0	9554		1860	657	0	
6.750	5.500 P110	20.0	0	15345		370	108	8043	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)			10483 TO 15210	0.420	901	ACTIVE
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10483 TO 15210	7113876G SLICK WATER & 6309G OF 7.5% HCL W/ 4633290# SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/06/2018	09/11/2018	24	→	2292.0	2937.0	5278.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	1116.0	→	2292	2937	5278		POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #444479 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPE

Documents pending BLM approvals will
subsequently be reviewed and scanned

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
BELL CANYON	4666	5534	OIL, GAS, WATER	RUSTLER	775
CHERRY CANYON	5535	6797	OIL, GAS, WATER	SALADO	1106
BRUSHY CANYON	6798	8529	OIL, GAS, WATER	CASTILE	3193
BONE SPRING	8530	9464	OIL, GAS, WATER	LAMAR/DELAWARE	4640
BONE SPRING 1ST	9465	9818	OIL, GAS, WATER	BELL CANYON	4666
BONE SPRING 2ND	9819	10130	OIL, GAS, WATER	CHERRY CANYON	5535
				BRUSHY CANYON	6798
				BONE SPRING	8530

32. Additional remarks (include plugging procedure):

LOG HEADER, DIRECTIONAL SURVEY, AS-DRILLED C-102 PLAT AND WBD ARE ATTACHED.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #444479 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Hobbs

Name (please print) DAVID STEWARTTitle SR. REGULATORY ADVISORSignature (Electronic Submission)Date 11/19/2018

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

August 24, 2018

Oxy USA Inc.
PO BOX 4294
HOUSTON, TX 77210

HOBBS OCD
NOV 21 2018
RECEIVED

18, 24S, 32E, LEA NM
N 32.21080 W 103.71940

Re:

CLIENT: Oxy USA Inc.
WELL: Mesa Verde BS Unit 15H
FIELD: Mesa Verde Bone Spring

RIG: H&P 657
COUNTY: Lea
API NO: 30-025-44190
JOB NO: 18MLD1227

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).
Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Kristina Hansen FE	Mesa Verde BS Unit 15H Original Hole	1076.00 Ft to 15305.00 Ft	July 9, 2018 to August 4, 2018	TelePacer SlimPulse

If any other information is required, please contact the undersigned at the above letterhead and phone number.
Sincerely,

Van Spinks
Field Service Manager

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

Well Reference:
18, 24S, 32E, LEA NM
N 32.21080 W 103.71940

I, Kristina Hansen certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of July 09, 2018 through August 04, 2018, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 1076.00 feet to a depth of 15305.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Oxy USA Inc. for the Mesa Verde BS Unit 15H Well (Original Hole) API No. 30-025-44190 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By 
Kristina Hansen
FE

Subscribed and Sworn to before me this 24th day of August (month) 2018 (yr)

My Commission expires:

2-16-2022

D. Adams
Notary Public

Adams County Colorado
(County State)

