

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 **NM OIL CONSERVATION**
Energy, Minerals & Natural Resources **ARTESIA DISTRICT**

Form C-104
Revised August 1, 2011

Oil Conservation Division **FEB 19 2019**

Submit one copy to appropriate District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

AMENDED REPORT

RECEIVED

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
⁴ API Number 30-015-44547		³ Reason for Filing Code/ Effective Date -NW
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: 20H

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
M	13	24S	31E		170	SOUTH	878	WEST	EDDY

¹¹ Bottom Hole Location

FTP: 118' FSL 1209' FWL LTP- 182' FNL 1245' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	13	24S	31E		29	NORTH	1251	WEST	EDDY

¹² Lse Code F	¹³ Producing Method Code: Gas Lift	¹⁴ Gas Connection Date: 12/04/2018	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 05/28/18	²² Ready Date 11-20-2018	²³ TD 10591'V/15544'MD	²⁴ PBD 10591'V/15500'M	²⁵ Perforations 10247'-15503'MD	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
14-3/4"	10-3/4"	1014'		1067 - CIRC	
9-7/8"	7-5/8"	9940'		2301 - CIRC	
6-3/4"	5-1/2" 20# & 4-1/2" 13.5#	(5 1/2" 10-10519' & 4 1/2" 10521'-15544')		679 - Est. TOC ~9490'	

V. Well Test Data

³¹ Date New Oil 12/04/2018	³² Gas Delivery Date 12/03/2018	³³ Test Date 12/19/2018	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 766
³⁷ Choke Size 84/128	³⁸ Oil 2904	³⁹ Water 3783	⁴⁰ Gas 3386		⁴¹ Test Method 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: *Leslie Reeves*

Printed name:
LESLIE REEVES

Title:
REGULATORY ADVISOR

E-mail Address:
LESLIE_REEVES@oxy.com

Date: **02/19/2019** Phone: **713-497-2492**

OIL CONSERVATION DIVISION

Approved by:

Rusty Huer

Title:

Business Ops Spec A

Approval Date:

2-20-2019

Pending BLM approvals will subsequently be reviewed and scanned

3/21/19

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM114979

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM137096X

8. Lease Name and Well No.
MESA VERDE BONE SPRING UNIT 20H

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator
OXY USA INC. Contact: LESLIE REEVES
E-Mail: LESLIE_REEVES@OXY.COM

3. Address PO BOX 4294
HOUSTON, TX 77210 3a. Phone No. (include area code)
Ph: 713-497-2492

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSW 170FSL 878FWL 32.210586 N Lat, 103.737224 W Lon
At top prod interval reported below SWSW 118FSL 1209FWL 32.210440 N Lat, 103.736150 W Lon
At total depth NWNW 29FNL 1251FWL 32.224141 N Lat, 103.735991 W Lon

14. Date Spudded 05/28/2018 15. Date T.D. Reached 11/01/2018 16. Date Completed
 D & A Ready to Prod. 11/17/2018

18. Total Depth: MD 15544 TVD 10591 19. Plug Back T.D.: MD 15500 TVD 10591 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR 22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No 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	V55	10.750	45.5	0	1014	C 1067		0	
9.875	L80	7.625	29.7	0	9940	C 2301		0	
6.750	P110	5.500	20.0	0	10520	C 679		9490	
6.750	P110	4.500	13.5	10521	15544	C 679		9490	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10181	10181						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	10247	15503	10247 TO 15503	0.420	648	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10247 TO 15503	217005 BBLs SLICK WATER & 3682G 7.5% HCL ACID W/ 10836587# 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
12/04/2018	12/19/2018	24	→	2904.0	3386.0	3783.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
84/128	SI	766.0	→	2904	3386	3783		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.	Csg. Press.	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 #455136 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPE

Pending BLM approvals will subsequently be reviewed and scanned

...IED **

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	4607	5510	OIL, GAS, WATER	RUSTLER	744
CHERRY CANYON	5511	6706	OIL, GAS, WATER	SALADO	1071
BRUSHY CANYON	6707	8412	OIL, GAS, WATER	CASTILE	3097
BONE SPRING	8413	9517	OIL, GAS, WATER	DELAWARE	4578
1ST BONE SPRING	9518	10136	OIL, GAS, WATER	BELL CANYON	4607
2ND BONE SPRING	10137	10615	OIL, GAS, WATER	CHERRY CANYON	6707
				BRUSHY CANYON	6707
				BONE SPRING	8413

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 #455136 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad**

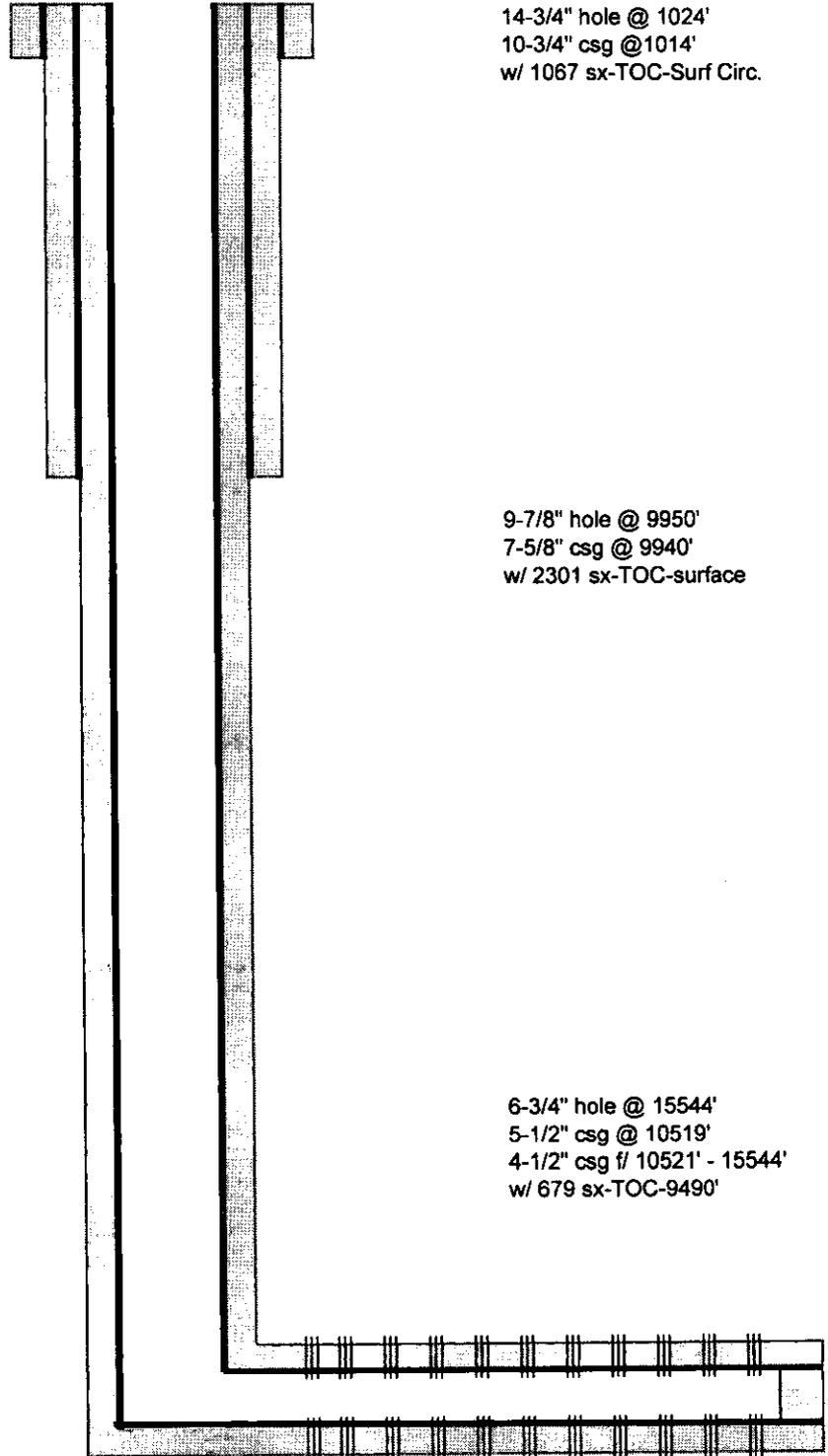
Name (please print) LESLIE REEVES Title REGULATORY ADVISOR

Signature _____ (Electronic Submission) Date 02/19/2019

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 ****

OXY USA Inc.
MESA VERDE BS UNIT 20H
API No. 30-015-44547



Perfs @ 10247'-15503'

TD- 15544'M /10590' V