

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

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

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

Public company to appropriate District Office
FEB 19 2019

☐ 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 30-015-44546		³ Reason for Filing Code/ Effective Date - NW
⁵ Pool Name MESA VERDE BONE SPRING	⁶ Pool Code 96229	
⁷ Property Code: 320828	⁹ Well Number: 21H	

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	848	WEST	EDDY

¹¹ Bottom Hole Location FTP: 176' FSL 448' FWL LTP: 128' FNL 425' 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		25	NORTH	425	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	

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 05/30/18	²² Ready Date 11/20/2018	²³ TD 10308'V/15389'MD	²⁴ PBDT 10309'V/15337'M	²⁵ Perforations 10213'-15286'MD	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
14-3/4"		10-3/4"		1015'	1067 - circ
9-7/8"		7-5/8"		9756'	1996 - circ
6-3/4"		5-1/2" & 4-1/2" 5 1/2"		0- 10373' & (10373' - 15380') 10174'	720 - Est TOC 9276'

V. Well Test Data

³¹ Date New Oil 12/04/2018	³² Gas Delivery Date 12/03/2018	³³ Test Date 12/20/2018	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 612
³⁷ Choke Size 86/128	³⁸ Oil 2075	³⁹ Water 4753	⁴⁰ Gas 2367	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:
2/19/2019

Phone:
713-497-2492

OIL CONSERVATION DIVISION

Approved by:

Rusty Klein

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 MANAGEMENTFORM 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 21H1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
OXY USA INC. Contact: LESLIE REEVES
E-Mail: LESLIE_REEVES@OXY.COM3. Address PO BOX 4294
HOUSTON, TX 770423a. 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 848FWL 32.210586 N Lat, 103.737321 W Lon

At top prod interval reported below SWSW 176FSL 448FWL 32.210610 N Lat, 103.738620 W Lon

At total depth NWNW 25FNL 425FWL 32.224580 N Lat, 103.738600 W Lon

14. Date Spudded
05/30/201815. Date T.D. Reached
10/25/201816. Date Completed
☐ D & A ☒ Ready to Prod.
11/17/201817. Elevations (DF, KB, RT, GL)*
3589 GL18. Total Depth: MD 15389
TVD 1030819. Plug Back T.D.: MD 15337
TVD 1030920. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR22. 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	U55	10.750	45.5	0	1015	C 1067		0	
9.875	L80	7.625	29.7	0	9756	C 1996		0	
6.750	P110	5.500	13.5	0	10373	C 720		9276	
6.750	P110	4.500	13.6	10373	15380	720		9276	

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	10174	10174						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	10213	15286	10213 TO 15286	0.420	624	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10213 TO 15286	204687 BBLs SLICK WATER & 9578G 7.5% HCL ACID W/ 10339046# 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	12/20/2018	24	→	2075.0	2367.0	4753.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
86/128	SI	612.0	→	2075	2367	4753		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		→						

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #455176 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	4608	5507	OIL, GAS, WATER	RUSTLER	749
CHERRY CANYON	5508	6704	OIL, GAS, WATER	SALADO	1076
BRUSHY CANYON	6705	8413	OIL, GAS, WATER	CASTILE	3092
BONE SPRING	8414	9503	OIL, GAS, WATER	DELAWARE	4581
1ST BONE SPRING	9504	10120	OIL, GAS, WATER	BELL CANYON	4608
2ND BONE SPRING	10121	10406	OIL, GAS, WATER	CHERRY CANYON	5508
				BRUSHY CANYON	6705
				BONE SPRING	8414

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 #455176 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

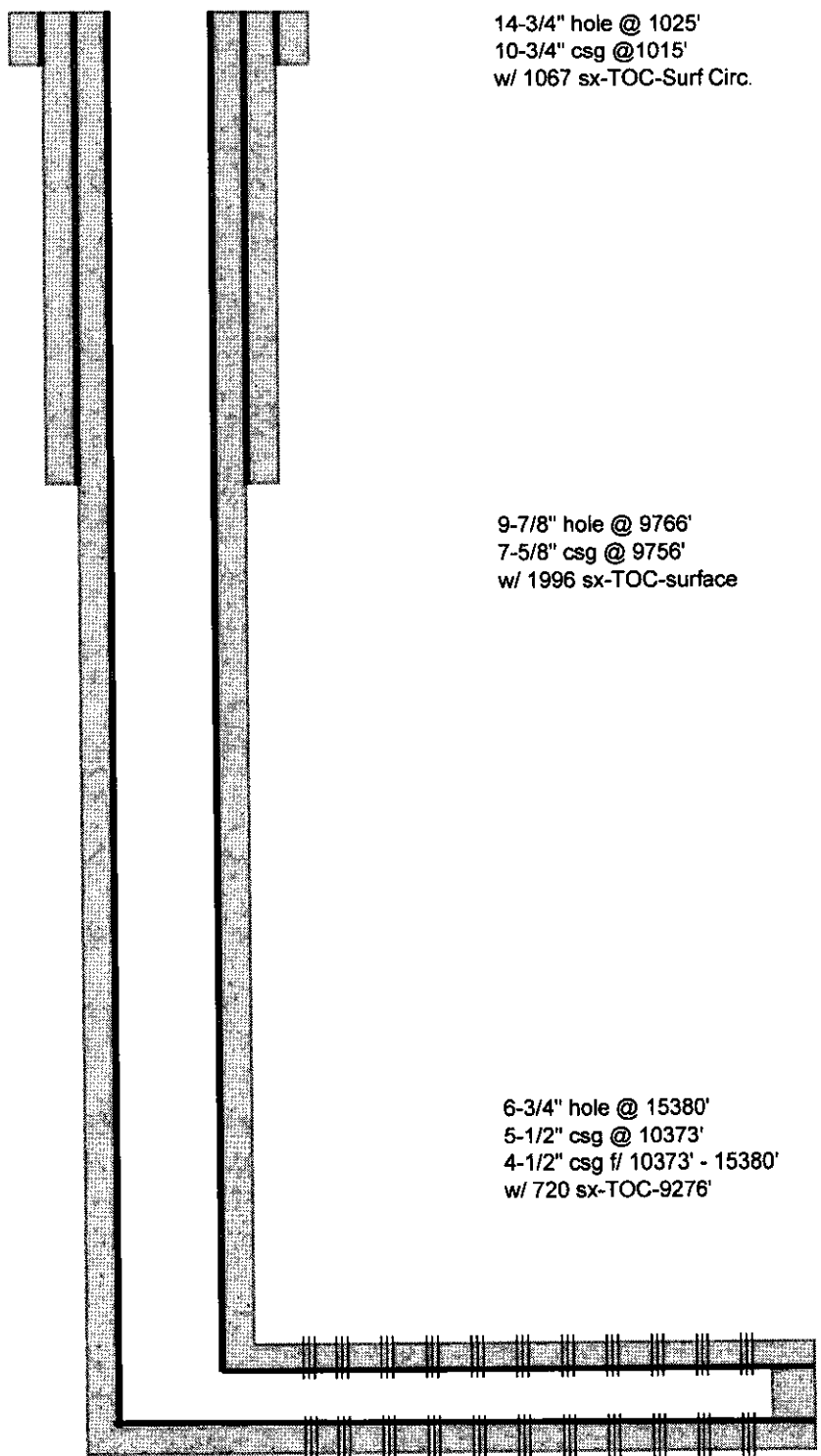
Name (please print) LESLIE REEVES Title REGULATORY ADVISOR

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 21H
API No. 30-015-44546



14-3/4" hole @ 1025'
10-3/4" csg @ 1015'
w/ 1067 sx-TOC-Surf Circ.

9-7/8" hole @ 9766'
7-5/8" csg @ 9756'
w/ 1996 sx-TOC-surface

6-3/4" hole @ 15380'
5-1/2" csg @ 10373'
4-1/2" csg f/ 10373' - 15380'
w/ 720 sx-TOC-9276'

Perfs @ 10213'-15286'

TD- 15380'M /10308' V