

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104

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

SEP 19 2018

Revised August 1, 2011

Submit one copy to appropriate District Office

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

RECEIVED AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number 16696	
⁴ API Number 30 - 015-44772		⁵ Pool Name COTTON DRAW BONE SPRING	
⁷ Property Code 320832		⁸ Property Name CAL-MON MDPI 35 FEDERAL	
⁶ Pool Code 13367		⁹ Well Number 2H	

II. ¹⁰ Surface Location

UL or lot no. D	Section 35	Township 23S	Range 31E	Lot Idn	Feet from the 277'	North/South Line NORTH	Feet from the 1122'	East/West line WEST	County EDDY
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III. Bottom Hole Location TP- 360 FNL 1263 FWL BP- 365 FSL 1253 FWL

UL or lot no. M	Section 35	Township 23S	Range 31E	Lot Idn	Feet from the 187'	North/South line SOUTH	Feet from the 1248'	East/West line WEST	County EDDY
¹² Lse Code F		¹³ Producing Method Code P		¹⁴ Gas Connection Date 6/17/18		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date	
¹⁷ C-129 Expiration Date									

III. Oil and Gas Transporters **NSL-7592

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	GREAT LAKES PETROLEUM TRANSPORTATION LLC	O
151168	ENTERPRISE FIELD SERVICES	G

IV. Well Completion Data

²¹ Spud Date 3/29/18	²² Ready Date 6/17/18	²³ TD 14835'M/10101'V	²⁴ PBDT 14774'M/10101'V	²⁵ Perforations 10059'-14657'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
17-1/2"		13-3/8"		760'	
12-1/4"		9-5/8"		4402'	
8-1/2"		5-1/2"		14820'	
		2-7/8"		9759'	
				N/A	

V. Well Test Data

³¹ Date New Oil 6/17/18	³² Gas Delivery Date 6/17/18	³³ Test Date 6/24/18	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 286
³⁷ Choke Size 128/64	³⁸ Oil 1772	³⁹ Water 4099	⁴⁰ Gas 2542		⁴¹ Test Method F

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:

Printed name:

Jana Mendiola

Title:

REGULATORY SPECIALIST

E-mail Address:

janalyn_mendiola@oxy.com

Date:

9/14/18

Phone:

432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

[Signature]
Business Specialist
9-19-2018

Pending BLM approvals will
subsequently be reviewed
and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 19 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM19199

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
OXY USA INC. Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com

8. Lease Name and Well No.
CAL-MON MDP1 35 FEDERAL 2H

3. Address P.O. BOX 50250
MIDLAND, TX 79710

3a. Phone No. (include area code)
Ph: 432-685-5936

9. API Well No.
30-015-44772

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NWNW 277FNL 1112FWL 32.267425 N Lat, 103.753525 W Lon

At top prod interval reported below NWNW 360FNL 1263FWL 32.267197 N Lat, 103.753036 W Lon

At total depth SWSW 187FSL 1248FWL 32.254181 N Lat, 103.753083 W Lon

10. Field and Pool, or Exploratory
COTTON DRAW; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 35 T23S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
03/29/2018

15. Date T.D. Reached
04/29/2018

16. Date Completed
☐ D & A ☒ Ready to Prod.
06/17/2018

17. Elevations (DF, KB, RT, GL)*
3458 GL

18. Total Depth: MD
TVD 14835
10101

19. Plug Back T.D.: MD
TVD 14774
10101

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MUD LOG

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
17.500	13.375 J55	54.5	0	760		920	221	0	
12.250	9.625 L80	47.0	0	4402		1380	445	0	
8.500	5.500 P110	20.0	0	14820		2628	750	0	

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	9759	9759						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRINGS	10059	14657	10059 TO 14657	0.370	552	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10059 TO 14657	7415814G SLICKWATER + 294000G 7.5% HCL ACID W/ 9249180# 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
06/17/2018	06/24/2018	24	→	1772.0	2542.0	4099.0			GAS LIFT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
128/64	SI	286.0	→	1772	2542	4099	1434	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	
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		
	SI		→						

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #435236 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ATOR-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	4400	5337	OIL, GAS, WATER	RUSTLER	746
CHERRY CANYON	5338	6531	OIL, GAS, WATER	SALADO	1054
BRUSHY CANYON	6532	8236	OIL, GAS, WATER	CASTILE	2977
BONE SPRING	8237	9303	OIL, GAS, WATER	DELAWARE	4373
1ST BONE SPRINGS	9304	10002	OIL, GAS, WATER	BELL CANYON	4400
2ND BONE SPRINGS	10003	10101	OIL, GAS, WATER	CHERRY CANYON	5338
				BRUSHY CANYON	6532
				BONE SPRING	8237

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRINGS 9304'M
2ND BONE SPRINGS 10003'M

Logs were mailed 9/14/18.

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 #435236 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 09/13/2018

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 ****

Additional data for transaction #435236 that would not fit on the form

32. Additional remarks, continued

Log Header, Directional Survey (certified copy to follow), As-Drilled Amended C-102 plat & WBD are attached.

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		8. Well Name and No. CAL-MON MDP1 35 FEDERAL 2H
2. Name of Operator OXY USA INC.		Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com
3a. Address P.O. BOX 50250 MIDLAND, TX 79710	3b. Phone No. (include area code) Ph: 432-685-5936	9. API Well No. 30-015-44772
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 35 T23S R31E Mer NMP NWNW 277FNL 1112FWL 32.267425 N Lat, 103.753525 W Lon		10. Field and Pool or Exploratory Area COTTON DRAW, BONE SPRING
		11. County or Parish, State EDDY 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"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
<input type="checkbox"/> Final Abandonment Notice	<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 5/22/18, RIH & clean out to PBTD @ 14774', pressure test csg to 9800# for 30 min, good test. RIH & perf @ 14657-14503, 14455-14301, 14253-14099, 14051-13897, 13849-13695, 13647-13493, 13445-13291, 13246-13089, 13041-12887, 12841-12685, 12637-12483, 12435-12285, 12229-12079, 12031-11877, 11829-11675, 11627-11470, 11425-11271, 11223-11083, 11021-10867, 10819-10665, 10617-10463, 10415-10261, 10213-10059' Total 552 holes. Frac in 23 stages w/ 7415814g Slick Water + 294000g 7.5% HCl acid w/ 9249180# sand, RD Schlumberger 6/5/18. 8/4/18 RUPU, RIH & clean out, POOH, RIH with 2-7/8" tbg & pkr set @ 9759', RIH w/gas lift, RD 8/6/18. Pump to clean up and turn well over to production.

+ NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 19 2018

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #435240 verified by the BLM Well Information System For OXY USA INC., sent to the Carlsbad	
Name (Printed/Typed) DAVID STEWART	Title SR REGULATORY ADVISOR
Signature (Electronic Submission)	Date 09/13/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

<u>Approved By</u> _____ 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.	<u>Title</u> _____ <u>Office</u> _____	Pending BLM approvals will subsequently be reviewed <i>rf</i> <i>9-9-18</i>	<u>ite</u> _____
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Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person know States any false, fictitious or fraudulent statements or representations as to any matter within its jur

(Instructions on page 2)

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