

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

DEC 18 2017
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 50250 Midland, TX 79710		² OGRID Number 16696
⁴ API Number 30-015-43140		³ Reason for Filing Code/ Effective Date - NW
⁵ Pool Name Cotton Draw Bone Spring	⁶ Pool Code 13367	
⁷ Property Code: 314855	⁸ Property Name: Cal-Mon 35 Federal	⁹ Well Number: 41H

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
D	35	23S	31E		250	North	710	West	Eddy

¹¹ Bottom Hole Location Top Perf- 669' FNL 930' FWL Bottom Perf- 363' FSL 950' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	23S	31E		193	South	951	West	Eddy
¹² Lse Code F	¹³ Producing Method Code : P		¹⁴ Gas Connection Date: 10/18/17		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
36785	DCP MIDSTREAM, LP	G

IV. Well Completion Data

²¹ Spud Date 11/29/16	²² Ready Date 10/23/17	²³ TD 14910'M 10390'V	²⁴ PBSD 14850'M 10388'V	²⁵ Perforations 14740-10485'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
18-1/2"	16"	742'		700 ✓	
13-1/2"	10-3/4"	4402'		2420 ✓	
9-7/8"	7-5/8"	11965'		3270 ✓	
6-3/4"	4-1/2"	8584-14900'		620 ✓	

V. Well Test Data

³¹ Date New Oil 10/24/17	³² Gas Delivery Date 10/18/17	³³ Test Date 11/7/17	³⁴ Test Length 24hrs.	³⁵ Tbg. Pressure 688	³⁶ Csg. Pressure
³⁷ Choke Size 54/128	³⁸ Oil 2813	³⁹ Water 2043	⁴⁰ Gas 3875		⁴¹ Test Met P

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:

Jana Mendiola

Printed name:
Jana Mendiola

Title:
Regulatory Coordinator

E-mail Address:
janalyn_mendiola@oxy.com

Date:
12/13/17

Phone:
432-685-5936

Approved by:

Raymond M. Padany

Title:

Geologist

Approval Date:

12-22-17

pending BLM approvals will
subsequently be reviewed
and scanned

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 18 2017

Form 3160-4
(August 2007)

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

RECEIVED

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.	
2. Name of Operator OXY USA INC.		8. Lease Name and Well No. CAL-MON 35 FEDERAL 41H	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		9. API Well No. 30-015-43140	
3a. Phone No. (include area code) Ph: 432-685-5936		10. Field and Pool, or Exploratory COTTON DRAW BONE SPRING	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 250FNL 710FWL 32.267500 N Lat, 103.754825 W Lon At top prod interval reported below NWNW 669FNL 930FWL 32.267253 N Lat, 103.754373 W Lon At total depth SWSW 193FSL 951FWL 32.254162 N Lat, 103.754372 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 35 T23S R31E Mer NMP	
14. Date Spudded 11/29/2016		15. Date T.D. Reached 08/15/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/23/2017		17. Elevations (DF, KB, RT, GL)* 3456 GL	
18. Total Depth: MD 14910 TVD 10390		19. Plug Back T.D.: MD 14850 TVD 10388	
20. Depth Bridge Plug Set: MD TVD			

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOG,CNL,CBL,GR-CCL,SGR,LS,RSL,ISO,UI,LITHO		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)	
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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
18.500	16.000 J55	84.0	0	742		700	167	0	
13.500	10.750 J55	45.5	0	4402		2420	759	0	
9.875	7.625 L80	29.7	0	11965	6062	3270	1566	0	
6.750	4.500 P110	13.5	8584	14900		620	181	8584	

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	8477	8477						

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	10485	14740	10485 TO 14740	0.420	588	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10485 TO 14740	8349180G SLICKWATER + 1533000G 15% HCL ACID W/8426139# 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
10/24/2017	11/07/2017	24	→	2813.0	3875.0	2043.0			GAS LIFT
Choke Size	Tbg Press. Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
54/128	688		→	2813	3875	2043	1378	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	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #397954 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPE

Pending BLM approvals will subsequently be reviewed and scanned
AC 12-22-17

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	4426	5176	OIL, GAS, WATER	RUSTLER	687
CHERRY CANYON	5177	6579	OIL, GAS, WATER	SALADO	1013
BRUSHY CANYON	6580	8194	OIL, GAS, WATER	CASTILE	2892
BONE SPRING	8195	9298	OIL, GAS, WATER	DELAWARE	4396
1ST BONE SPRING	9299	9544	OIL, GAS, WATER	BELL CANYON	4426
2ND BONE SPRING	9545	10388	OIL, GAS, WATER	CHERRY CANYON	5177
				BRUSHY CANYON	6580
				BONE SPRING	8195

32. Additional remarks (include plugging procedure):
52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 9299'M
2ND BONE SPRING 9545'M

Logs were mailed 12/14/17.

Log Header, Directional Survey, As-Drilled Amended C-102 plat & 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 #397954 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 12/13/2017

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 #397954 that would not fit on the form

32. Additional remarks, continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

5. Lease Serial No.
NMNM19199

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

8. Well Name and No.
CAL-MON 35 FEDERAL 41H

9. API Well No.
30-015-43140

10. Field and Pool or Exploratory Area
COTTON DRAW BONE SPRING

11. County or Parish, State
EDDY COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

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

4. Location of Well (Footage, Sec., T., R., M. or Survey Description)
Sec 35 T23S R31E Mer NMP NWNW 250FNL 710FWL
32.267500 N Lat, 103.754825 W Lon

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 8/22/17, RIH & clean out to PBTD @ 14850'. 8/24/17 RIH w/ 5-1/2" 20# P110 tie back seal assembly connect to 4-1/2" 13.5# P110 liner. Pressure test csg to 9900# for 30 min. good test. RIH & perf @ 14740-14585, 14535-14380, 14330-14175, 14125-13970, 13920-13765, 13715-13560, 13510-13355, 13305-13150, 13100-12945, 12895-12740, 12690-12535, 12485-12330, 12280-12125, 12075-11920, 11870-11715, 11665-11510, 11460-11305, 11255-11100, 11050-10895, 10845-10690, 10640-10485' Total 588 holes. Frac in 21 stages w/ 8349180g Slick Water + 1533000g 15% HCl acid w/ 8426139# sand, RD Schlumberger 10/6/17. RIH & clean out well, POOH, RIH with 2-7/8" tbg & pkr set @ 8447', RIH w/gas lift, RD 10/18/17. Pump to clean up and test well for potential.

NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 18 2017
RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #397960 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 12/13/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title Pending BLM approvals will subsequently be reviewed and scanned
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 who States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. *SC 12-22-17* the United States