

# NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4  
(August 2007),

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 29 2015

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

## WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No.  
NMNM0281482A

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 INCORPORATED  
Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com

8. Lease Name and Well No.  
MOBIL FEDERAL 2

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

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

9. API Well No.  
30-015-37335

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

At surface SENE Lot H 1721FNL 590FEL

At top prod interval reported below SENE Lot H 1721FNL 590FEL

At total depth SENE Lot H 1721FNL 590FEL

10. Field and Pool, or Exploratory  
SAND DUNES DELAWARE, WEST

11. Sec., T., R., M., or Block and Survey  
or Area Sec 29 T23S R31E Mer

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
02/03/2010

15. Date T.D. Reached  
02/17/2010

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/24/2012

17. Elevations (DF, KB, RT, GL)\*  
3349 GL

18. Total Depth: MD  
TVD 8115

19. Plug Back T.D.: MD  
TVD 8038

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NONE

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	11.750 H40	42.0	0	428	0	350	84	0	0
10.625	8.625 J55	32.0	0	4257	0	1190	378	0	0
7.875	5.500 J55	17.0	0	8115	4344	1710	518	1500	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	7559							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	6310	7740	7730 TO 7740	0.480	30	OPEN
B)			6310 TO 7370	0.430	40	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
6310 TO 7370	3000G 7.5% HCL ACID + 9651G TRT WTR + 141250G DF R-16 + 13541G WF GR21 W/2411# 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
04/24/2012	04/25/2012	24	→	127.0	121.0	104.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
-	SI		→	127	121	104	9528	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
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 #301546 VERIFIED BY THE BLM WELL INFORMATION

\*\* 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
DELAWARE	4120	4144	OIL, GAS, WATER	DELAWARE	4120
BELL CANYON	4145	5031	OIL, GAS, WATER	BELL CANYON	4145
CHERRY CANYON	5032	6284	OIL, GAS, WATER	CHERRY CANYON	5032
BRUSHY CANYON	6285	8115	OIL, GAS, WATER	BRUSHY CANYON	6285

32. Additional remarks (include plugging procedure):  
WBD is 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 #301546 Verified by the BLM Well Information System.  
For OXY USA INCORPORATED, sent to the Carlsbad

Name (please print) DAVID STEWARTTitle SR. REGULATORY ADVISORSignature (Electronic Submission)Date 05/13/2015

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 \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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 reverse side.**5. Lease Serial No.  
NMNM0281482A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.


8. Well Name and No.  
MOBIL FEDERAL 29. API Well No.  
30-015-3733510. Field and Pool, or Exploratory  
SAND DUNES DELAWARE, WEST11. County or Parish, and State  
EDDY COUNTY, NM1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
OXY USA INCORPORATED  
Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com3a. Address  
P.O. BOX 50250  
MIDLAND, TX 797103b. Phone No. (include area code)  
Ph: 432-685-5936  
Fx: 432-634-56884. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 29 T23S R31E SENE 1721FNL 590FEL

## 12. CHECK 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"/> Fracture Treat	<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 checked="" type="checkbox"/> Recomplete	<input 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 recompleate 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

RU PU 2/18/12, POOH rods & pump, RIH & clean out to PBTD @ 8038', pressure test csg to 4650# for 30 min, good test. RIH & perf @ 7370-7334, 6588-6310' Total 40 holes. Frac in 2 stages w/ 3000g 7.5% HCL ACID + 9651g TRT WTR + 141250g DF R-16 + 13541g WF GR21 W/2411# sand, RD Halliburton. RIH & clean out well, tag up PBTD @ 8038'. RIH with 2-7/8" tbg w/ TAC @ 7110'. RIH w/ 1-1/2" X 26' rod pump, pump to clean up and test well for potential.

  
Filed for record  
NMOCB

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #301545 verified by the BLM Well Information System  
For OXY USA INCORPORATED, sent to the Carlsbad

Name (Printed/Typed) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 05/13/2015

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

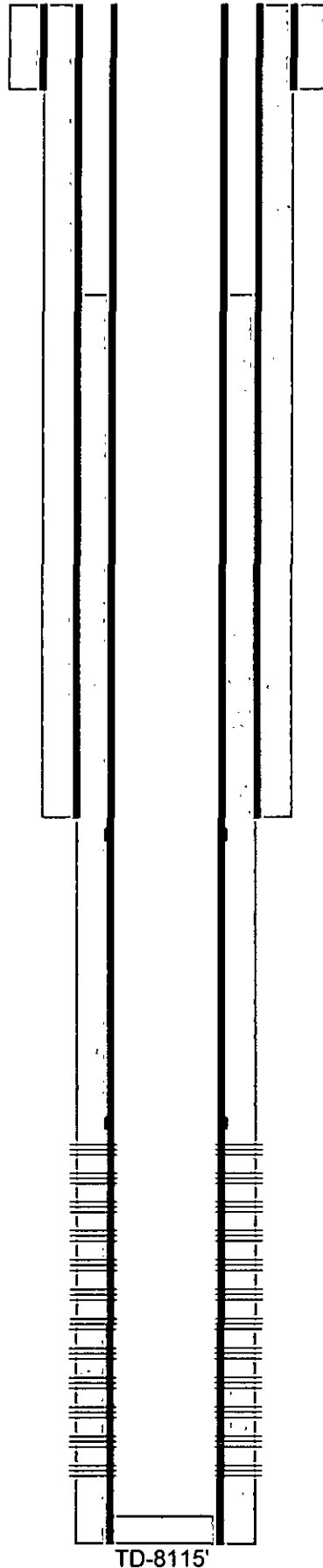
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly 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.

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

OXY USA Inc.  
Mobil Federal #2  
API No. 30-015-37335



14-3/4" hole @ 428'  
11-3/4" csg @ 428'  
w/ 350sx-TOC-Surf-Circ

10-5/8" hole @ 4257'  
8-5/8" csg @ 4257'  
w/ 1190sx-TOC-Surf-Circ

7-7/8" hole @ 8115'  
5-1/2" csg @ 8115'  
DVT's @ 6010', 4344'  
w/ 1710sx-TOC-1500'-Calc

**Perfs @ 6310-7370'**

Perfs @ 7730-7740'

PB-8038'

TD-8115'