

# 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 AND LOG

5. Lease Serial No.  
NMNM0545035

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 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 INCORPORATED			8. Lease Name and Well No. FEDERAL 29 5		
3. Address P.O. BOX 50250 MIDLAND, TX 79710			9. API Well No. 30-015-37337		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW Lot C 330FNL 2460FWL 32.281667 N Lat, 103.799919 W Lon At top prod interval reported below NWNW Lot D 387FNL 521FWL At total depth NWNW Lot D 395FNL 370FWL 32.281662 N Lat, 103.806662 W Lon			10. Field and Pool, or Exploratory SAND DUNES DELAWARE, WEST		
14. Date Spudded 11/26/2009			15. Date T.D. Reached 12/10/2009		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/09/2012			17. Elevations (DF, KB, RT, GL)* 3340 GL		
18. Total Depth: MD 8605 TVD 7993		19. Plug Back T.D.: MD 8452 TVD 7875		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			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 checked="" type="checkbox"/> No <input type="checkbox"/> 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	425	0	350	84	0	0
10.625	8.625 J55	32.0	0	4023	0	1130	359	0	0
7.875	5.500 J55	17.0	0	8605	4113	1570	480	0	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	7713							

### 25. Producing Intervals

### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	6520	8325	8315 TO 8325	3.380	30	OPEN
B)			6520 TO 7916	0.430	40	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
6520 TO 7916	3000G 7.5% HCL ACID + 15769G TRT WTR + 136352G DF 200R-16 + 12893G WF GR21 W/2400# 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
04/09/2012	04/28/2012	24	→	64.0	10.0	289.0			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		→	64	10	289	156		

### 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas:Oil Ratio
			→					
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 #301464 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

AP 9/23/15

## 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 BRUSHY CANYON	4063 6490	6489 7993	OIL, GAS, WATER OIL, GAS, WATER	DELAWARE BRUSHY CANYON	4063 6490

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 #301464 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 05/12/2015

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.**5. Lease Serial No.  
NMNM0545035

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
FEDERAL 29 59. API Well No.  
30-015-3733710. Field and Pool, or Exploratory  
SAND DUNES DELAWARE, WEST11. County or Parish, and State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

OXY USA INCORPORATED

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  
Fx: 432-685-5742

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 29 T23S R31E NENW 330FNL 2460FWL  
32.281667 N Lat, 103.799919 W Lon

## 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 recompletable 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 recompletable 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 2/27/12, POOH rods & pump, RIH & clean out to PBTD @ 8452', pressure test csg to 4650# for 30 min, good test. RIH & perf @ 7916-7832, 6818-6520' Total 40 holes. Frac in 2 stages w/ 3000g 7.5% HCL ACID + 15769g TRT WTR + 136352g DF 200R-16 + 12893g WF GR21 W/2400# sand, RD Halliburton. RIH & clean out well, tag up PBTD @ 8452'. RIH with 2-7/8" tbg w/ TAC @ 7494'. RIH w/ 1-1/2" X 26' rod pump, pump to clean up and test well for potential.

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

**Electronic Submission #301462 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 05/12/2015

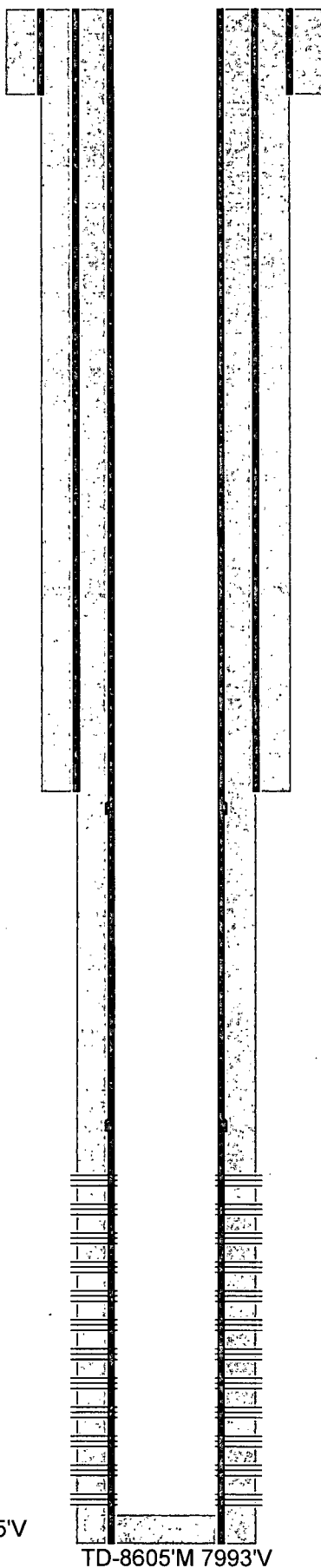
**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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.  
Federal 29 #5  
API No. 30-015-37337



14-3/4" hole @ 425'  
11-3/4" csg @ 425'  
w/ 350sx-TOC-Surf-Circ

10-5/8" hole @ 4023'  
8-5/8" csg @ 4023'  
w/ 1130sx-TOC-Surf-Circ

7-7/8" hole @ 8605'  
5-1/2" csg @ 8605'  
DVT's @ 5915', 4113'  
w/ 1570sx-TOC-Surf-Circ

**Perfs @ 6520-7916'**

**Perfs @ 8315-8325'**

PB-8452'M 7875'V

TD-8605'M 7993'V