

# 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

RECEIVED

5. Lease Serial No.  
NMNM62589

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.  
FEDERAL 23 #4

3. Address P.O. BOX 50250  
MIDLAND, TX 79710  
 3a. Phone No. (include area code)  
Ph: 432-685-5936

9. API Well No.  
30-015-37336

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SESE Lot P 715FSL 657FEL  
 At top prod interval reported below SWSE Lot O 653FSL 1902FEL  
 At total depth SWSE Lot O 643FSL 2003FEL

10. Field and Pool, or Exploratory  
LIVINGSTON RIDGE DELAWARE

11. Sec., T., R., M., or Block and Survey  
or Area Sec 23 T2S R31E Mer

12. County or Parish  
EDDY  
 13. State  
NM

14. Date Spudded  
12/12/2009  
 15. Date T.D. Reached  
12/23/2009  
 16. Date Completed  
 D & A  Ready to Prod.  
01/19/2012

17. Elevations (DF, KB, RT, GL)\*  
3580 GL

18. Total Depth: MD 8616 TVD 8424  
 19. Plug Back T.D.: MD 8424 TVD 8205  
 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	11.750 H40	42.0	0	853	0	330	100	0	0
10.625	8.625 J55	32.0	0	4248	0	1140	362	0	0
7.875	5.500 J55	17.0	0	8616	4347	1580	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	7326							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	8260	8282	8260 TO 8282	4.000	30	OPEN
B) DELAWARE	6634	7190	6634 TO 7190	0.430	40	OPEN
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
6634 TO 7190	3000G 7.5% HCL ACID + 4000G TRT WTR + 12167G WF GR21 + 128171G DF 200R-16 W/229005# SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/19/2012	01/21/2012	24	▶	96.0	35.0	62.0			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	
			▶	96	35	62			

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. AI
			▶				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			▶				

365 Pending BLM approvals will subsequently be reviewed and scanned

JDS



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM62589
2. Name of Operator OXY USA INCORPORATED		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 50250 MIDLAND, TX 79710		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-5936 Fx: 432-634-5688		8. Well Name and No. FEDERAL 23 #4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T22S R31E SESE 715FSL 657FEL		9. API Well No. 30-015-37336
		10. Field and Pool, or Exploratory LIVINGSTON RIDGE DELAWARE
		11. County or Parish, and State EDDY COUNTY, NM

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 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 shall 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 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 12/12/11, POOH w/rods & pump, pressure test csg to 4250# for 30 min, good test. RIH & perf @ 7190-7185, 7163-7158, 7033-7028, 6990-6985, 6747-6737, 6675-6670, 6639-6634' Total 40 holes. Frac in 2 stages w/ 3000g 7.5% HCL ACID + 4000g TRT WTR + 12167g WF GR21 + 128171g DF 200R-16 W/229005# sand, RD Halliburton. RIH & clean out well, tag up PBTD @ 8424'. RIH with 2-7/8" tbg w/ TAC @ 6551'. RIH w/ 1-1/2" X 26' rod pump, pump to clean up and test well for potential.

(e)  
**Accepted for record**  
**NMOC**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #302654 verified by the BLM Well Information System For OXY USA INCORPORATED, sent to the Carlsbad</b>	
Name (Printed/Typed) <b>DAVID STEWART</b>	Title <b>SR. REGULATORY ADVISOR</b>
Signature (Electronic Submission)	Date <b>05/22/2015</b>

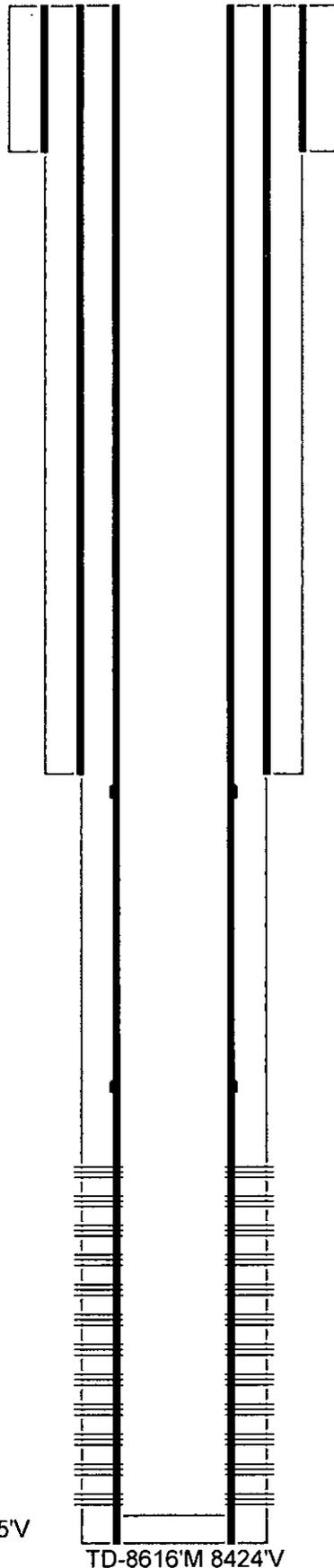
**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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 23 #4  
API No. 30-015-37336



14-3/4" hole @ 853'  
11-3/4" csg @ 853'  
w/ 330sx-TOC-Surf-Circ

10-5/8" hole @ 4248'  
8-5/8" csg @ 4248'  
w/ 1140sx-TOC-Surf-Circ

7-7/8" hole @ 8616'  
5-1/2" csg @ 8616'  
DVT's @ 5992', 4347'  
w/ 1580sx-TOC-Surf-Circ

**Perfs @ 6634-7190'**

Perfs @ 8260-8282'

PB-8424'M 8205'V

TD-8616'M 8424'V