

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

MAY 29 2015

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 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		Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		3a. Phone No. (include area code) Ph: 432-685-5936	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE Lot B 660FNL 1650FEL At top prod interval reported below NWNE Lot B 660FNL 1650FEL At total depth NWNE Lot B 660FNL 1650FEL		8. Lease Name and Well No. MOBIL FEDERAL #3	
14. Date Spudded 03/02/2010		15. Date T.D. Reached 03/12/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/15/2012		9. API Well No. 30-015-37338	
18. Total Depth: MD TVD 8183		19. Plug Back T.D.: MD TVD 8092	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory SAND DUNES DELAWARE, WEST	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE		11. Sec., T., R., M., or Block and Survey or Area Sec 29 T23S R31E Mer	
		12. County or Parish EDDY	
		13. State NM	
		17. Elevations (DF, KB, RT, GL)* 3343 GL	
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	428	0	350	84	0	0
10.625	8.625 J55	32.0	0	4012	0	1130	356	0	0
7.875	5.500 J55	17.0	0	8183	4084	1560	477	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	7677							

25. Producing Intervals			26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) DELAWARE	7738	7748	7738 TO 7748	0.480	40	OPEN	
B) DELAWARE	6283	7375	6283 TO 7375	0.430	40	OPEN	
C)							
D)							

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

Depth Interval	Amount and Type of Material
6283 TO 7375	APPROX. 3000G 7.5% HCL ACID + 4000G TRT WTR + 12128G WF GR21 + 139865G DF 200R-16 W/244000# 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
06/15/2012	06/19/2012	24	▶	53.0	44.0	251.0			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
-			▶	53	44	251	837		

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	
			▶						

ELECTRIC  
POW.  
Pending BLM approvals will  
subsequently be reviewed  
and scanned

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #302851 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

LJP

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	4115	4140	OIL, GAS, WATER	DELAWARE	4115
BELL CANYON	4141	5032	OIL, GAS, WATER	BELL CANYON	4141
CHERRY CANYON	5033	6274	OIL, GAS, WATER	CHERRY CANYON	5033
BRUSHY CANYON	6275	8183	OIL, GAS, WATER	BRUSHY CANYON	6275

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 #302851 Verified by the BLM Well Information System.  
For OXY USA INCORPORATED, sent to the Carlsbad

Name (please print) DAVID STEWART Title SR. REGULATORY ADVISOR

Signature \_\_\_\_\_ (Electronic Submission) Date 05/26/2015

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 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		8. Well Name and No. MOBIL FEDERAL #3
2. Name of Operator OXY USA INCORPORATED		9. API Well No. 30-015-37338
3a. Address P.O. BOX 50250 MIDLAND, TX 79710		10. Field and Pool, or Exploratory SAND DUNES DELAWARE, WEST
3b. Phone No. (include area code) Ph: 432-685-5936 Fx: 432-634-5688		11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T23S R31E NWNE 660FNL 1650FEL		

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 4/30/12, POOH w/rods & pump, pressure test csg to 4256# for 30 min, good test. RIH & perf @ 7375-7334, 6607-6283' Total 40 holes. Frac in 2 stages w/approximately 3000g 7.5% HCL ACID + 4000g TRT WTR + 12128g WF GR21 + 139865g DF 200R-16 W/244000# sand, RD Superior Well Services. RIH & clean out well, tag up PBTD @ 8092'. RIH with 2-7/8" tbg w/ TAC @ 7555'. RIH w/ 1-1/2" X 26' rod pump, pump to clean up and test well for potential.

(S)  
**Accepted for record**  
**NMOC**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #302858 verified by the BLM Well Information System For OXY USA INCORPORATED, sent to the Carlsbad</b>	
Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 05/26/2015

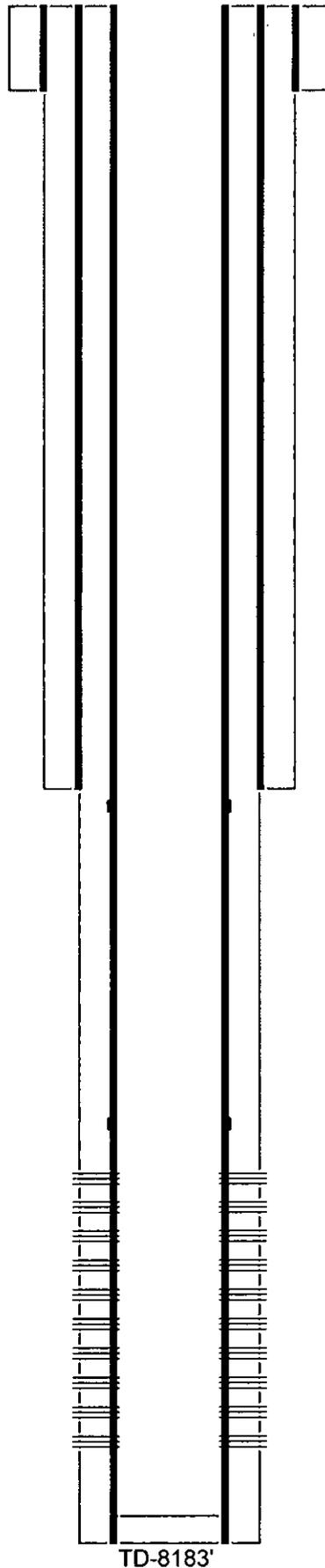
**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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 #3  
API No. 30-015-37338



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

10-5/8" hole @ 4012'  
8-5/8" csg @ 4012'  
w/ 1130sx-TOC-Surf-Circ

7-7/8" hole @ 8183'  
5-1/2" csg @ 8183'  
DVT's @ 5931', 4084'  
w/ 1560sx-TOC-Surf-Circ

**Perfs @ 6283-7375'**

**Perfs @ 7738-7748'**

PB-8092'

TD-8183'