

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

OCD Artesia **APR 06 2015**

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. **BL - NM 62589**  
NMNM62590

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 <b>OXY USA INCORPORATED</b>			8. Lease Name and Well No. <b>FEDERAL 23 13H</b>		
3. Address <b>P.O. BOX 50250 MIDLAND, TX 79710</b>			9. API Well No. <b>30-015-41636</b>		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 26 T22S R31E Mer At surface <b>NENW Lot C 610FNL 2277FWL 32.367929 N Lat, 103.749291 W Lon</b> Sec 26 T22S R31E Mer At top prod interval reported below <b>NENW Lot C 496FSL 2191FWL</b> Sec 23 T22S R31E Mer At total depth <b>NENW Lot C 371FNL 1888FWL</b>			10. Field and Pool, or Exploratory <b>LIVINGSTON RIDGE DELAWARE</b>		
14. Date Spudded <b>10/31/2014</b>			16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>01/31/2015</b>		
15. Date T.D. Reached <b>11/19/2014</b>			17. Elevations (DF, KB, RT, GL)* <b>3568 GL</b>		
18. Total Depth: <b>MD 13301 TVD 8256</b>		19. Plug Back T.D.: <b>MD 13296 TVD 8256</b>		20. Depth Bridge Plug Set: <b>MD TVD</b>	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>MUD LOGS/SLS</b>			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)		

**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
16.000	13.375 J55	54.5	0	900	0	660	179	0	0
12.250	9.625 J55	36.0	0	4467	0	2060	662	0	0
8.750	7.000 P110	29.0	0	8735	4567	740	346	0	0
6.125	4.500 L80	13.5	7645	13296	0	0	0	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	7581							

**25. Producing Intervals**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BRUSHY CANYON	8866	13242	8866 TO 13242			OPEN-SLIDING SLEEVES
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8866 TO 13242	166241G TRT WTR + 71700G 15% HCL ACID + 2113198G LINEAR GEL W/3726767# 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
02/28/2015	03/08/2015	24	→	740.0	87.0	623.0		
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
	432	564.0	→	740	87	623	118	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
			→					
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

**ACCEPTED FOR RECORD**  
ELECTRIC PUMP SUB-SURFACE  
**APR - 2 2015**  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #294601 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

*Reclamation*  
*Date: 9/8/15*

*Com Agreement*

## 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	Thg. 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	Thg. 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	4534	5646	OIL, GAS, WATER	RUSTLER	780
CHERRY CANYON	5647	6609	OIL, GAS, WATER	SALADO	1228
BRUSHY CANYON	6610	8256	OIL, GAS, WATER	LAMAR	4480
				BELL CANYON	4534
				CHERRY CANYON	5647
				BRUSHY CANYON	6610

## 32. Additional remarks (include plugging procedure):

Logs were mailed 3/12/2015.

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 #294601 Verified by the BLM Well Information System.  
For OXY USA INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 04/02/2015 ()

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

Signature (Electronic Submission) Date 03/11/2015

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 \*\***