

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 25 2016

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM81586

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 OXY USA INCORPORATED		8. Lease Name and Well No. CEDAR CANYON 23 FEDERAL 4H	
3. Address P.O. BOX 50250 MIDLAND, TX 79710		9. API Well No. 30-015-43281	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 22 T24S R29E Mer At surface SENE Lot H 1352FNL 195FEL 32.206393 N Lat, 103.963894 W Lon Sec 23 T24S R29E Mer At top prod interval reported below SWNW Lot E 1415FNL 500FEL Sec 24 T24S R29E Mer At total depth SENW Lot F 1393FNL 2439FWL 32.206217 N Lat, 103.938198 W Lon		10. Field and Pool, or Exploratory PIERCE CROSSING BN SPG, E	
14. Date Spudded 11/26/2015		15. Date T.D. Reached 12/31/2015	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/15/2016		17. Elevations (DF, KB, RT, GL)* 2942 GL	

18. Total Depth: MD 16535 TVD 9006	19. Plug Back T.D.: MD 16463 TVD 9005	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOGS, SLS, RCBLIGRICCL		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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J55	45.5	0	444		550	132	0	
9.875	7.625 L80	29.7	0	7490	3069	4000	1538	0	
6.750	5.500 P110	20.0	0	8945		1090	297	6330	
6.750	4.500 P110	13.5	8945	16509		1090	297	6330	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	9312	16403	9312 TO 16403	0.420	864	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9312 TO 16403	1540216G SLICK WATER + 41800G 7.5% HCL ACID + 3757478G 15# BXL W/ 10578900# 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
01/19/2016	01/20/2016	24	▶	56.0	263.0	1857.0			FLows FROM WELL
Choke Size	Tbg. Press Flwg	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
24/64	SI	750.0	▶	56	263	1857	470	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	Production Method
			▶						
Choke Size	Tbg. Press Flwg	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		▶						

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #329206 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* 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
BELL CANYON	3075	3772	OIL, GAS, WATER	RUSTLER	440
CHERRY CANYON	3773	5189	OIL, GAS, WATER	SALADO	510
BRUSHY CANYON	5190	6732	OIL, GAS, WATER	CASTILE	1529
BONE SPRING	6733	8025	OIL, GAS, WATER	LAMAR	3021
2ND BONE SPRING	8026	9005	OIL, GAS, WATER	BELL CANYON	3075
				CHERRY CANYON	3773
				BRUSHY CANYON	5190
				BONE SPRING	6733

32. Additional remarks (include plugging procedure):

40. CASING AND LINER RECORD:  
5-1/2" X 4-1/2" P110 production casing was cemented w/1090sx (297bbl) PPC w/additives @ 13.2ppg 1.53 yield, full returns throughout job, no cmt to surface, estimated TOC @ 6330' CBL.

52. FORMATION (LOG) MARKERS CONTD.  
2ND BONE SPRING 8026' TOP (MD)

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 #329206 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 01/20/2016

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.

**Additional data for transaction #329206 that would not fit on the form**

**32. Additional remarks, continued**

Logs were mailed 1/21/16.  
Log Header, Directional Survey, As-Drilled Amended C-102 plat. & WBD are attached.