

**NM OIL CONSERVATION**  
ARTESIA DISTRICT **NMOCD**  
**Artesia**

Form 3160-J  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 08 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  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.  
**CEDAR CANYON 23 FEDERAL 4H**

3. Address **5 GREENWAY PLAZA SUITE 110** 3a. Phone No. (include area code)  
**HOUSTON, TX 77046-0521** Ph: **432-685-5936**

9. API Well No.  
**30-015-43281-00-S1**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **Sec 22 T24S R29E Mer NMP**  
**SENE 1352FNL 195FEL 32.206393 N Lat, 103.963894 W Lon**  
At top prod interval reported below **Sec 23 T24S R29E Mer NMP**  
**SWNW 1415FNL 500FEL**  
At total depth **Sec 24 T24S R29E Mer NMP**  
**SENW 1393FNL 2439FWL 32.206217 N Lat, 103.938198 W Lon**

10. Field and Pool, or Exploratory  
**PIERCE CROSSING BONE SPRING**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 22 T24S R29E Mer NMP**

12. County or Parish  
**EDDY** 13. State  
**NM**

14. Date Spudded  
**11/26/2015** 15. Date T.D. Reached  
**12/31/2015** 16. Date Completed  
 D & A  Ready to Prod.  
**01/15/2016**

17. Elevations (DF, KB, RT, GL)\*  
**2942 GL**

18. Total Depth: MD **16535** 19. Plug Back T.D.: MD **16463** 20. Depth Bridge Plug Set: MD  
TVD **9006** TVD **9005** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**MUDLOGS SLS RCBL/GRVCL**

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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J-55	45.5	0	444		550	132	0	
9.875	7.625 L-80	29.7	0	7490	3069	4000	1538	0	
6.750	5.500 P-110	20.0	0	8945		1090	297	6330	
6.750	4.500 P-110	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) BONE SPRING 2ND	9312	16403	9312 TO 16403	.0420	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 WJ 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	
0.375000	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

\*\* BLM REVISED \*\*

DAVID R. GLASS

**RECLAMATION DUE:**  
**JUL 19 2016**

Accepted for record - NMOCD PETROLEUM ENGINEER

**ACCEPTED FOR RECORD**  
**/S/ DAVID R. GLASS**

APR 26 2016

*Handwritten signature/initials*

FJ

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 Pwg. 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 Pwg. 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
RUSTLER	440	510		RUSTLER	440
BELL CANYON	3075	3772	OIL, GAS, WATER	SALADO	510
CHERRY CANYON	3773	5189	OIL, GAS, WATER	CASTILE	1529
BRUSHY CANYON	5190	6732	OIL, GAS, WATER	LAMAR	3021
BONE SPRING	6733	8025	OIL, GAS, WATER	BELL CANYON	3075
BONE SPRING 2ND	8026	9005	OIL, GAS, WATER	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  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/26/2016 (16JAS1495SE).

Name (please print) DAVID STEWART Title 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.

**\*\* REVISED \*\* REVISED \*\***

**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.