

# NM OIL CONSERVATION

OCIA DISTRICT  
OCD Artesia

FEB 14 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

5. Lease Serial No.  
NMNM0546732

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  
OCCIDENTAL PERMIAN LP Contact: JANA MENDIOLA  
E-Mail: janalyn\_mendiola@oxy.com

8. Lease Name and Well No.  
FEDERAL 12 2H

3. Address P.O. BOX 50250  
MIDLAND, TX 79710

3a. Phone No. (include area code)  
Ph: 432-685-5936

9. API Well No.  
30-015-41344

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 1 T23S R30E Mer  
At surface SWSE Lot O 1159FSL 1543FEL 32.329844 N Lat, 103.830124 W Lon  
Sec 12 T23S R30E Mer  
At top prod interval reported below NWNE 631FNL 1701FEL 32.329844 N Lat, 103.830124 W Lon  
Sec 12 T23S R30E Mer  
At total depth SWSE Lot O 347FSL 1995FEL 32.313103 N Lat, 103.831677 W Lon

10. Field and Pool, or Exploratory  
QUAHADA RIDGE DELAWARE, SE

11. Sec., T., R., M., or Block and Survey  
or Area Sec 1 T23S R30E Mer

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
02/21/2014

15. Date T.D. Reached  
04/05/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/15/2014

17. Elevations (DF, KB, RT, GL)\*  
3288 GL

18. Total Depth: MD 12820  
TVD 7659

19. Plug Back T.D.: MD 12812  
TVD 7659

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
MWD/CBL/ISOLATION SCANNER CMT PRINT GAMMA RAY

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
16.000	13.375 J55	54.5	0	375	0	280	67	0	0
12.250	9.625 J55	36.0	0	3967	0	1710	549	0	0
8.750	7.000 P110	26.0	0	8291	0	720	339	0	0
6.125	4.500 P110	13.5	6709	12820	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	6572	0						

### 25. Producing Intervals

### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BRUSHY CANYON	8506	12815	8506 TO 12815	0.000	0	OPEN - SLIDING SLEEVES
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8506 TO 12815	28516G 15% HCL ACID + 1306907G 15# BXL + 251631G TRT WTR W/ 2120398# 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
11/09/2014	12/06/2014	24	→	200.0	0.0	1012.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	459		→	200	0	1012	0	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	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

FEB 7 2015

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #284432 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 5/9/2015

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.)  
NO MEASURABLE GAS

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	3900	4889	OIL, GAS, WATER	TOP SALT	620
CHERRY CANYON	4890	6099	OIL, GAS, WATER	BASE SALT/TOP ANHYDRITE	2280
BRUSHY CANYON	6100	7658	OIL, GAS WATER	BELL CANYON	3900
				CHERRY CANYON	4890
				BRUSHY CANYON	6100

32. Additional remarks (include plugging procedure):

\*Sliding sleeves @ 12815, 12500, 12147, 11819, 11509, 11189, 10874, 10574, 10245, 9920, 9571, 9221, 8870, 8506'

Logs were mailed 12/8/14.

Log Header, Directional survey, As-Drilled Amended C-102 plat, WBD and Fracturing Fluid Disclosure 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 #284432 Verified by the BLM Well Information System.  
For OCCIDENTAL PERMIAN LP, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 01/28/2015 ()

Name (please print) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 12/08/2014

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 \*\***