

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 27 2017

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.
NMNM86908

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
CEDAR CANYON 21-22 FEDERAL COM 33H

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
OXY USA INC. 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)*
Sec 21 T24S R29E Mer NMP
At surface NWSW 1754FSL 374FWL 32.200496 N Lat, 103.996832 W Lon
Sec 21 T24S R29E Mer NMP
At top prod interval reported below NWSW 2240FSL 393FWL 32.201885 N Lat, 103.996933 W Lon
Sec 22 T24S R29E Mer NMP
At total depth NESE 2262FSL 140FEL 32.201855 N Lat, 103.964337 W Lon

14. Date Spudded
05/10/2017 15. Date T.D. Reached
06/20/2017 16. Date Completed
☐ D & A ☒ Ready to Prod.
08/06/2017

18. Total Depth: MD 19951
TVD 10002 19. Plug Back T.D.: MD 19790
TVD 9999 20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MUD LOG 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
17.500	13.375 J55	54.5	0	542		633	190	0	
12.250	9.625 L80	47.0	0	9183	2942	2235	1163	1305	
8.500	5.500 P110	20.0	8918	19842		1730	509	8918	

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) 3RD BONE SPRING	9908	19667	9908 TO 19667	0.420	1280	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9908 TO 19667	834972G SLICKWATER + 3448200G 7.5% HCL ACID + 3475332G LINEAR GEL + 3730776G CROSSLINK

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
08/11/2017	09/14/2017	24	→	2344.0	5779.0	5908.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	1768.0	→	2344	5779	5908	2465	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned

SC 11-6-17

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #392980 VERIFIED BY THE BLM WELL INFORMATION SYS
** 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	2957	3800	OIL, GAS, WATER	RUSTLER	300
CHERRY CANYON	3801	5007	OIL, GAS, WATER	SALADO	587
BRUSHY CANYON	5008	6644	OIL, GAS, WATER	CASTILE	1238
BONE SPRING	6645	7550	OIL, GAS, WATER	DELAWARE	2906
1ST BONE SPRING	7551	8390	OIL, GAS, WATER	BELL CANYON	2957
2ND BONE SPRING	8391	9474	OIL, GAS, WATER	CHERRY CANYON	3801
3RD BONE SPRING	9475	9999	OIL, GAS, WATER	BRUSHY CANYON	5008
				BONE SPRING	6645

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 7551'M
2ND BONE SPRING 8391'M
3RD BONE SPRING 9475'M

Logs were mailed 10/25/17.

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 #392980 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (please print) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature _____ (Electronic Submission)

Date 10/24/2017

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 ****

Additional data for transaction #392980 that would not fit on the form

32. Additional remarks, continued

Log Header, Directional Survey, As-Drilled Amended C-102 plat & WBD are attached.