

Artesia JUL 03 2017

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

RECEIVED

5. Lease Serial No.  
NMNM94651

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
CEDAR CANYON 29 FEDERAL 3H

9. API Well No.  
30-015-42993-00-S1

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

11. Sec., T., R., M., or Block and Survey  
or Area Sec 29 T24S R29E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
2949 GL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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 INCORPORATED

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

3. Address 5 GREENWAY PLAZA SUITE 110  
HOUSTON, TX 77046-0521

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SENE 1990FNL 210FEL 32.190084 N Lat, 103.998266 W Lon  
At top prod interval reported below SENE 2234FNL 382FEL 32.189506 N Lat, 103.998687 W Lon  
At total depth SWNW 2205FNL 170FWL 32.189542 N Lat, 104.014172 W Lon

14. Date Spudded  
12/23/2016

15. Date T.D. Reached  
02/14/2017

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/09/2017

18. Total Depth: MD 13345  
TVD 8563

19. Plug Back T.D.: MD 13278  
TVD 8563

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
MUDLOG

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
14.750	10.750 J-55	45.5	0	670		700	209	0	
9.875	7.625 L-80	29.7	0	8098	2936	1215	625	0	
6.750	4.500 P-110	13.5	7991	13340		550	163	7991	

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

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING 2ND	8582	13135	8582 TO 13135	0.420	540	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8582 TO 13135	3700721G SLICK WATER + 36000G 15% HCL ACID + 3219742G LINEAR GEL W/ 7681198# 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
04/16/2017	04/19/2017	24	→	527.0	968.0	1731.0			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	
27/64	SI	1333.0	→	527	968	1731	1837	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		→						

ACCEPTED FOR RECORD  
(ORIGINAL) DAVID R. GLASS

MAY 24 2017

DAVID R. GLASS

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

ELECTRONIC SUBMISSION #373238 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED RETROBEM ENGINEER

RECLAMATION DUE:

OCT 09 2017

## 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	2953	3636	OIL, GAS, WATER	RUSTLER	330
CHERRY CANYON	3637	5049	OIL, GAS, WATER	SALADO	731
BRUSHY CANYON	5050	6603	OIL, GAS, WATER	CASTILE	1364
BONE SPRING	6604	7590	OIL, GAS, WATER	DELAWARE	2904
BONE SPRING 1ST	7591	7822	OIL, GAS, WATER	BELL CANYON	2953
BONE SPRING 2ND	7823	8563	OIL, GAS, WATER	CHERRY CANYON	3637
				BRUSHY CANYON	5050
				BONE SPRING	6604

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

3/9/17 RIH w/ 5-1/2" 20# P110 tie back seal assembly connect to 4-1/2" 13.5# P110 liner.

## FORMATION (LOG) MARKERS CONTD:

1ST BONE SPRING 7591' MD  
2ND BONE SPRING 7823' MD

Logs were mailed 4/20/17.

## 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 #373238 Verified by the BLM Well Information System.  
For OXY USA INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 05/03/2017 (17DW0061SE)

Name (please print) DAVID STEWART

Title REGULATORY ADVISOR

Signature \_\_\_\_\_ (Electronic Submission)

Date 04/19/2017

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.

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