

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOC DISTRICT  
ARTESIA DISTRICT  
Artesia  
MAR 27 2017  
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM81586

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM136823

8. Lease Name and Well No. CEDAR CANYON 22 FEDERAL COM 4H

9. API Well No. 30-015-43708-00-S1

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

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 10/25/2016

15. Date T.D. Reached 12/15/2016

16. Date Completed  D & A  Ready to Prod. 01/29/2017

17. Elevations (DF, KB, RT, GL)\* 2958 GL

18. Total Depth: MD 13435 TVD 8821

19. Plug Back T.D.: MD 13372 TVD 8821

20. Depth Bridge Plug Set: MD TVD

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

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 Cements Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J-55	40.5	0	488		382	91	0	
9.875	7.625 L-80	29.7	0	8197	3114	2886	1078	0	
6.750	5.500 P-110	20.0	0	8848				6630	
6.750	4.500 P-110	13.5	8848	13424		500	161	8848	

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	8827	13265	8827 TO 13265	0.420	552	ACTIVE - Bone Spring
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8827 TO 13265	3941028G SLICK WATER + 62664G 15% HCL ACID + 2026878G CROSSLINK + 1854216G LINEAR GEL

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
01/29/2017	01/31/2017	24	→	629.0	462.0	1245.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
25/64	SI	1140.0	→	629	462	1245	7344	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		→						

ACCEPTED FOR RECORD  
(PRIG. 300) DAVID R. GLASS  
MAR 14 2017

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

ELECTRONIC SUBMISSION #365508 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

RECLAMATION DUE:  
JUL 29 2017

DAVID R. GLASS  
PETROLEUM ENGINEER

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	3106	3798	OIL, GAS, WATER	RUSTLER	244
CHERRY CANYON	3799	5206	OIL, GAS, WATER	SALADO	748
BRUSHY CANYON	5207	6751	OIL, GAS, WATER	CASTILE	1510
BONE SPRING	6752	7780	OIL, GAS, WATER	DELAWARE	3061
BONE SPRING 1ST	7781	8043	OIL, GAS, WATER	BELL CANYON	3106
BONE SPRING 2ND	8827	13265	OIL, GAS, WATER	CHERRY CANYON	3799
				BRUSHY CANYON	5207
				BONE SPRING	6752
				BONE SPRING 1ST	7781
				BONE SPRING 2ND	8044

32. Additional remarks (include plugging procedure):  
FORMATION (LOG) MARKERS CONTD:

1ST BONE SPRING 7781' MD  
2ND BONE SPRING 8044' MD

Logs were mailed 2/1/17.  
Log Header, Directional Survey, As-Drilled Amended C-102 plat & WBD 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 #365508 Verified by the BLM Well Information System.  
For OXY USA INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 03/07/2017 (17DMH0087SE)**

Name (please print) DAVID STEWART Title REGULATORY ADVISOR

Signature (Electronic Submission) Date 01/31/2017

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 \*\***