

NMOCD  
Artesia

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.  
NMNM81586

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

9. API Well No.  
30-015-43642-00-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

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

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

18. Total Depth: MD 13620 TVD 8817

19. Plug Back T.D.: MD 13558 TVD 8817

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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J-55	40.5	0	482		382	91	0	
9.875	7.625 L-80	29.7	0	8300	3136	2627	1010	0	
6.750	5.500 P-110	20.0	0	8782				5250	
6.750	4.500 P-110	13.5	8782	13610		830	162	8782	

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	8887	13471	8887 TO 13471	0.420	570	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8887 TO 13471	4368294G SLICK WATER + 48048G 15% HCL ACID + 2015832G CROSSLINK + 1529598G LINEAR GEL

ARTESIA DISTRICT  
APR 10 2017

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	→	316.0	433.0	1517.0			RECEIVED FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
29/64	SI	940.0	→	316	433	1517	1370	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
			→						ACCEPTED FOR RECORD (ORIG. LOG) DAVID B. GLASS
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						MAR 14 2017

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

ELECTRONIC SUBMISSION #365512 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED

DAVID B. GLASS  
PETROLEUM ENGINEER

RECLAMATION DUE:  
JUL 29 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	3106	3803	OIL, GAS, WATER	RUSTLER	245
CHERRY CANYON	3804	5282	OIL, GAS, WATER	SALADO	748
BRUSHY CANYON	5283	6840	OIL, GAS, WATER	CASTILE	1511
BONE SPRING	6841	7900	OIL, GAS, WATER	DELAWARE	3061
BONE SPRING 1ST	7901	8148	OIL, GAS, WATER	BELL CANYON	3106
BONE SPRING 2ND	8887	13471	OIL, GAS, WATER	CHERRY CANYON	3804
				BRUSHY CANYON	5283
				BONE SPRING	6841
				BONE SPRING 1ST	7901
				BONE SPRING 2ND	8149

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

1ST BONE SPRING 7901' MD  
2ND BONE SPRING 8149' 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 #365512 Verified by the BLM Well Information System.**  
For OXY USA INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 03/10/2017 (17DW0013SE)

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 \*\*