

Form 3160-4
(August 2007)

FEB 22 2017

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. NMNM13996

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM136578

8. Lease Name and Well No. CEDAR CANYON 22 FEDERAL COM 5H

9. API Well No. 30-015-43758-00-S1

10. Field and Pool, or Exploratory CORRAL DRAW-BONE SPRING

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 08/06/2016

15. Date T.D. Reached 10/20/2016

16. Date Completed D & A Ready to Prod. 11/24/2016

17. Elevations (DF, KB, RT, GL)* 2940 GL

18. Total Depth: MD 13525 TVD 8819

19. Plug Back T.D.: MD 13463 TVD 8817

20. Depth Bridge Plug Set: MD TVD

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J-55	45.5	0	437		470	125	0	
9.875	7.625 L-80	29.7	0	7650	2936	3500	1357	0	
6.750	5.500 P-110	20.0	0	8921				5329	
6.750	4.500 P-110	13.5	8921	13514		580	164	8921	

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	8939	13358	8939 TO 13358	0.420	534	ACTIVE - Bone Spring
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
8939 TO 13358	8557416G SLICK WATER + 44142G 15% HCL ACID W/ 8610430# SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/26/2016	11/30/2016	24	→	621.0	1543.0	1396.0			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	
25/64	SI	1250.0	→	621	1543	1396	2485	POW	

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

28a. Production - Interval B

ACCEPTED FOR RECORD
DAVID R. GLASS
FEB 07 2017

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #359278 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **
RECLAMATION DUE: MAY 24 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	3019	3726	OIL, GAS, WATER	RUSTLER	267
CHERRY CANYON	3727	5108	OIL, GAS, WATER	SALADO	765
BRUSHY CANYON	5109	6681	OIL, GAS, WATER	CASTILE	1439
BONE SPRING	6682	7696	OIL, GAS, WATER	DELAWARE	2952
BONE SPRING 1ST	7697	7945	OIL, GAS, WATER	BELL CANYON	3019
BONE SPRING 2ND	7946	13525	OIL, GAS, WATER	CHERRY CANYON	3727
				BRUSHY CANYON	5109
				BONE SPRING	6682

32. Additional remarks (include plugging procedure):

FORMATION (LOG) MARKERS CONTD:

1ST BONE SPRING 7697' MD
2ND BONE SPRING 7946' MD

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 #359278 Verified by the BLM Well Information System.
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 12/16/2016 (17DMH0023SE)**

Name (please print) DAVID STEWART Title REGULATORY ADVISOR

Signature _____ (Electronic Submission) Date 11/30/2016

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 ****