

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Hobbs
OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM036100

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other Lower lateral

6. If Indian, Allottee or Tribe Name

2. Name of Operator
COG OPERATING LLC Contact: STORMI DAVIS
E-Mail: sdavis@concho.com

7. Unit or CA Agreement Name and No.
NMNM70982X

3. Address 2208 W MAIN ST
ARTESIA, NM 88210

3a. Phone No. (include area code)
Ph: 575-748-6946

8. Lease Name and Well No.
LUSK DEEP UNIT A 29H

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NWNW 355FNL 660FWL ✓
At top prod interval reported below
Sec 17 T19S R32E Mer NMP
At total depth SWSW 332FNL 722FWL ✓

MAR 30 2015

9. API Well No.
30-025-41563 ✓

10. Field and Pool, or Exploratory
LUSK; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T19S R32E Mer NMP

12. County or Parish
LEA 13. State
NM

14. Date Spudded
01/17/2014

15. Date T.D. Reached
02/05/2014

16. Date Completed
 D & A Ready to Prod.
11/12/2014

17. Elevations (DF, KB, RT, GL)*
3609 GL

18. Total Depth: MD 13698
TVD 9244

19. Plug Back T.D.: MD 13656
TVD 9244

20. Depth Bridge Plug Set: MD
TVD

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

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
17.500	13.375 J55	54.5	0	940		775		0	
12.250	9.625 J55	36.0	0	4457	2790	2175		0	
7.875	7.000 P110	29.0	0	8563					
6.125	4.500 P110	11.6	7776	12864		275		7130	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875		7689						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8559	12800	8559 TO 12715	0.430	506	OPEN - <i>Upper Lateral</i>
B) BONE SPRING	9458	13500	12790 TO 12800		60	OPEN - <i>Upper Lateral</i>
C)			9458 TO 13500	0.430	506	OPEN - <i>lower lateral</i>
D)						

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

Depth Interval	Amount and Type of Material
9458 TO 13500	SEE IN REMARKS

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
11/13/2014	11/17/2014	24	→	519.0	352.0	2213.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	300	170.0	→	519	352	2213		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			→						

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

ELECTRONIC SUBMISSION #281330 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

MAR 31 2015

me

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
CHERRY CANYON	4648	5511		RUSTLER	834
BRUSHY CANYON	5512	6991		TOS	929
BONE SPRING LM	6992	8288		BOS	2410
1ST BONE SPRING	8289	9080		YATES	2665
2ND BONE SPRING	9081	9244		SEVEN RIVERS	2877
				CAPITAN	2957
				QUEEN	3701
				CHERRY CANYON	4648

32. Additional remarks (include plugging procedure):

Perfs 7 1/2" Sand (#) Fluid (gal)
 13218-13500' 2982 597821 425712
 12842-13124' 6024 397709 409644
 12090-12268' 3024 597494 433860
 11714-11996' 6048 597987 474852
 11338-11620' 5999 823289 901565
 10962-11244' 6738 601770 490284
 10586-10868' 7980 603878 455490

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 #281330 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs**

Name (please print) STORMI DAVIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 11/24/2014

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.

Additional data for transaction #281330 that would not fit on the form

32. Additional remarks, continued

10210-10492' 8064 602311 454818
9834-10116' 8022 601743 454566
9458-9740' 8022 621925 460908
Totals 62903 6045927 4961699

Additional Tops:

Brushy Canyon 5512'
Bone Spring Lm 6992'
1st Bone Spring 8289'
2nd Bone Spring 9081'

This is the completion for the lower lateral of this dual-lateral well. Logs and surveys were previously submitted.