

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM016497

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Workover  Deepen  Plug Back  Diff. Resv.  
 Other \_\_\_\_\_

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT  
NMNM70982X

2. Name of Operator  
COG Operating LLC

8. FARM OR LEASE NAME  
Lusk Deep Unit A #24H

3. Address  
2208 W. Main Street  
Artesia, NM 88210

3a. Phone No. (include area code)  
575-748-6940

9. API WELL NO.  
30-025-40863

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 330' FNL & 660' FWL, Lot 1 (NWNW) of Sec 19-T19S-R32E

10. FIELD NAME  
Lusk; Bone Spring

At top prod. Interval reported below  
4928' N 470' W  
At total depth 349' FNL & 703' FWL, Lot 4 (SWSW) of Sec 19-T19S-R32E

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA  
19 T 19S R 32E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

14. Date Spudded  
12/19/12

15. Date T.D. Reached  
1/5/13

16. Date Completed  
2/28/13  
 D & A  Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*  
3569' GR 3587' KB

18. Total Depth: MD 13660'  
TVD 9276'

19. Plug back T.D.: MD 13600'  
TVD 9274'

20. Depth Bridge Plug Set: MD 13600'  
TVD 9274'

21. Type Electric & other Logs Run (Submit a copy of each)  
None

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

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/ Grade	Wt. (#/ft.)	Top (MD)	Bottom(MD)	Stage Cemen- ter Depth	No. of Sks. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	770'	None	675 sx		0	None
12 1/4"	9 5/8" J55	36#	0	4455'	2696'	1575 sx		0	None
7 7/8"	5 1/2" P110	17#	0	13660'	None	1875 sx		0	None

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 7/8"	8553'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	9400'	13570'	See Attached	0.43	460	Open
B)			13560-13570'		60	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Attached	See Attached

**RECLAMATION  
DUE 8-28-13**

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
3/4/13	4/1/13	24	→	570	235	1242			Pumping
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	520#	280#	→	570	235	1242		Producing	

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
			→						2013
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
			→						

\* See instructions and spaces for additional data on page 2)

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28b. Production- Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravitv	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 Gravitv	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:

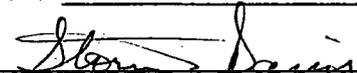
Formation	Top	Bottom	Descriptions Contents, Etc.	Name	Top
					Measured Depth
Bone Spring	7008'	13660'		Rustler	665'
				Top of Salt	755'
				Bottom of Salt	2296'
				Bone Spring Lime	7008'
				First Bone Spring	8283'
				Second Bone Spring	9047'
					TD. 13660'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/ Mechanical Logs (1 full set required)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other: **Deviation Report**

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Stormi Davis Title Regulatory Analyst  
 Signature  Date 4/3/13

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.

**LUSK DEEP UNIT A #24H**

**30-025-40863**

**Sec 19-T19S-R32E**

<u>Perforations</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13175-13492'	3024	303460	283742
12756-13073'	3023	299491	260150
12336-12653'	3019	303007	259213
11917-12234'	3024	299711	238733
11497-11814'	2997	300393	226948
11078-11395'	3000	297919	224297
10658-10975'	3086	300602	223943
10239-10556'	3011	300554	226139
9820-10136'	3012	303538	225433
9400-9717'	<u>2965</u>	<u>283052</u>	<u>217806</u>
<b>Totals</b>	<b>30161</b>	<b>2991727</b>	<b>2386404</b>