

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.

NMLC065710A

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

Other

2. Name of Operator

COG Operating LLC

3. Address

2208 W. Main Street  
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

8. FARM OR LEASE NAME

Lusk Deep Unit A #30H

9. API WELL NO.

30-025-41513

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 330' FSL & 360' FWL, Unit M (SWSW) of Sec 20-T19S-R32E

At top prod. Interval reported below

At total depth 402' FSL & 343' FEL, Unit P (SESE) of Sec 20-T19S-R32E

10. FIELD NAME

Lusk; Bone Spring

11. SEC. T. R. M. OR BLOCK AND SURVEY

OR AREA 20 T 19S R 32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

14. Date Spudded

12/27/13

15. Date T.D. Reached

1/13/14

16. Date Completed

2/26/14

☐ D & A

☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*

3563'

GR

3581'

KB

18. Total Depth:

MD

13822'

TVD

9331'

19. Plug back T.D.:

MD

13815'

TVD

9331'

20. Depth Bridge Plug Set:

MD

TVD

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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	840'		675 sx		0	None
12 1/4"	9 5/8" J55	36# & 40#	0	4343'	2653'	1875 sx		0	None
7 7/8"	5 1/2" P110	17#	0	13822'		2175 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"	8827'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	9410'	13765'	9410-13765'	0.43"	504	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Attached	See Attached

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
2/27/14	3/4/14	24	→	866	512	1522			Pumping
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	300#	220#	→	866	512	1522		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
			→						
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)

SEP 22 2014

## 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
					Measured Depth
Delaware Bone Spring	4532'	7165'		Rustler	750'
	7166'	9331'		Top of Salt	837'
				Bottom of Salt	2400'
				Yates	2535'
				7 Rivers	2623'
				Capitan Reef	2825'
				Cherry Canyon	4532'
				Brushy Canyon	5522'
				Bone Spring Lime	7166'
				1st Bone Spring	8418'
				2nd Bone Spring	9130'
					TVD. 9331'

## 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 4/14/14

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 #30H

30-025-41513

Sec 20-T19S-R32E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13553-13765'	3024	453134	380982
13234-13446'	5982	455712	372834
12915-13128'	5940	715311	678468
12597-12809'	6048	447388	356496
12278-12490'	5999	450893	354564
11959-12172'	6006	450618	342720
11641-11853'	6066	450153	340284
11322-11534'	5999	450709	329280
11003-11216'	5999	450985	329028
10685-10897'	6066	447715	327264
10366-10578'	6006	447674	327012
10047-10260'	5964	446709	324870
9729-9941'	6024	446482	327936
9410-9622'	6090	613509	575316
<b>Totals</b>	<b>81213</b>	<b>6726992</b>	<b>5367054</b>