

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCP  
NOV 22 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 LEASE DESIGNATION AND SERIAL NO

NMNM025566

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

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 330' FSL & 380' FEL, Unit P (SESE) of Sec 19-T19S-R32E

At top prod Interval reported below

At total depth 4945' FSL (335' FNL) & 488' FEL, Unit A (NENE) of Sec 19-T19S-R32E

6 INDIAN ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT  
NMNM70982X

8 FARM OR LEASE NAME  
Lusk Deep Unit A #23H

9 API WELL NO  
30-025-40260

10 FIELD NAME  
Lusk; Bone Spring  
11 SEC T. R. M. OR BLOCK AND SURVEY  
OR AREA 19 T 19S R 32E

12 COUNTY OR PARISH 13 STATE  
Lea NM

14 Date Spudded 9/9/11 15 Date T.D Reached 10/1/11 16 Date Completed 11/4/11  
☐ D & A ☒ Ready to Prod

17. ELEVATIONS (DF, RKB, RT, GR, etc)\*  
3560' GR 3579' KB

18 Total Depth MD 13595' TVD 9217' 19 Plug back T D MD 13526' TVD 9220' 20 Depth Bridge Plug Set MD

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 Cement Depth	No of Sks & Type of Cement	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	835'		600 sx		0	None
12 1/4"	9 5/8" J55	36# & 40#	0	4436'	2570'	2200 sx		0	None
7 7/8"	5 1/2" P110	17#	0	13595'	None	2200 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	9475'	13526'	9475-13526'	0.42"	368	Open
B)						
C)						
D)						

27 Acid, Fracture Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9475-13526'	Acid w/23310 gal 7 1/2% acid; Frac w/2622886# sand & 2297877 gal fluid

RECLAMATION  
DUE 5-4-11

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
11/6/11	11/8/11	24	→	497	470	1724			Flowing
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
28/64"	290#	70#	→						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	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD  
NOV 20 2011  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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.)

## Flaring

## 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	4518' 7156'	7155' 13595'		Rustler Top of Salt Bottom of Salt Yates Seven Rivers Reef Delaware Bone Spring	742' 837' 2491' 2547' 2651' 2820' 4518' 7156'
					TD 13595'

32 Additional remarks (include plugging procedure)

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

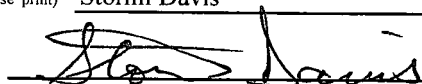
- ☐ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other Deviation Report

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 11/9/11

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.