

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

000 Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM12559

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

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

2. Name of Operator  
COG Production LLC

8. FARM OR LEASE NAME

Cottonmouth 24 Federal Com #1H

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

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

9. API WELL NO.

30-015-38507

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 105' FSL & 745' FWL, Unit M (SWSW) Sec 24-T26S-R28E

10. FIELD NAME

Tecolote Peak; Delaware

11. SEC. T. R. M. OR BLOCK AND SURVEY  
OR AREA 24 T 26S R 28E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

At top prod. Interval reported below

At total depth 340' FNL & 760' FWL, Unit D (NWNW) Sec 24-T26S-R28E

14. Date Spudded 12/11/13  
15. Date T.D. Reached 1/8/14  
16. Date Completed ☐ D & A ☒ Ready to Prod. 2/11/14

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*  
2961' GR 2979' KB

18. Total Depth: MD 11029'  
TVD 6257'

19. Plug back T.D.: MD 11015'  
TVD 6257'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & other Logs Run (Submit a copy of each)

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	48#	0	484'		825 sx		0	None
12 1/4"	9 5/8" J55	36#	0	2570'		875 sx		0	None
7 7/8"	5 1/2" P110	17#	0	11018'		1750 sx		910' (CBL)	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"	5763'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	6534'	10964'	See Attached	0.43	414	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
2/28/14	3/9/14	24	→	372	500	1736			Pumping
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	120#	90#	→	372	500	1736		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	
			→						

ACCEPTED FOR RECORD  
MAY 16 2014  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

NM OIL CONSERVATION  
ARTESIA DISTRICT

JUL 14 2014

RECEIVED

## 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	2640'	6331'		Rustler	426'
Bone Spring	6332'	9408'		Top of Salt	900'
				Bottom of Salt	2449'
				Delaware	2640'
				Bone Spring Lm	6332'
				1st Bone Spring	7211'
				2nd Bone Spring	7639'
				3rd Bone Spring	9049'
				Wolfcamp	9409'
					PHTD. 9600'

## 32. Additional remarks (include plugging procedure):

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

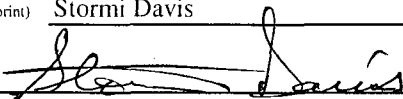
- ☐ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Surveys
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

## 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 4/2/14

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.

# COTTONMOUTH 24 FEDERAL COM #1H

30-015-38507

Sec 24-T26S-R28E

<u>Perfs</u>	<u>15% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
10584-10964'	3024	281890	231462
10078-10458'	6132	283489	243894
9572-9951'	5964	282237	236586
9065-9445'	6006	283159	237888
8549-8939'	6006	283878	229404
8053-8433'	6006	280422	235284
7547-7926'	5964	293442	323316
7040-7420'	6174	280322	233016
6534-6914'	6048	303380	243012
<b>Totals</b>	<b>51324</b>	<b>2572219</b>	<b>2213862</b>