

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD 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 **Revised**

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

2. Name of Operator
COG Production LLC

8. FARM OR LEASE NAME
Cottonmouth 13 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.
30-015-39734

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 810' FSL & 2630' FWL, Unit N (SESW) Sec 13-T26S-R28E

10. FIELD NAME
Hay Hollow; Bone Spring

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA 13 T 26S R 28E

At top prod. Interval reported below

12. COUNTY OR PARISH 13. STATE
Eddy NM

At total depth 316' FSL & 2254' FWL, Unit N (SESW) Sec 24-T26S-R28E

14. Date Spudded 1/1/12 15. Date T.D. Reached 2/5/12 16. Date Completed 5/14/12
☐ D & A ☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)*
2920' GR 2938' KB

18. Total Depth: MD 12586' TVD 7034' 19. Plug back T.D.: MD 12581' TVD 7034'

20. Depth Bridge Plug Set: MD TVD

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

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	453'		450 sx		0	None
12 1/4"	9 5/8" J55	36#	0	2620'		950 sx		0	None
7 7/8"	5 1/2" J55	17#	0	12586'		2100 sx		2450' (TS)	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"	6577'	6569'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	810'	12562'	See Attached	0.43	736	Open
B)	6322					
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Attached	See Attached
7235-8038'	415 sx Class C

RECEIVED

JAN 18 2013

NMOOD ARTESIA

ACCEPTED FOR RECORD

JAN 17 2013

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
5/28/12	5/30/12	24	→	395	2387	2226			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	625#	1050#	→	395	2387	2226			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	
			→						

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	2620'	6321'		Top of Salt	836'
	6322'	12586'		Bottom of Salt	2430'
				Delaware	2620'
				Bone Spring	6322'
					TD. 12586'

32. Additional remarks (include plugging procedure):

Revised to include squeeze job completed 10/29/12

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

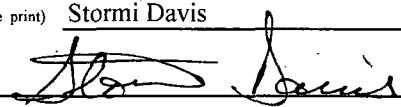
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

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 12/19/12

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 13 FEDERAL COM #1H

30-015-39734
Sec 13-T26S-R28E

RECEIVED

JAN 18 2013

NMOCD ARTESIA

	<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
	12247-12562'	2983	303113	225664
	11913-12181'	2995	299968	247000
	11579-11847'	3023	299068	233942
	11244-11513'	3001	299870	236840
	10910-11179'	3000	297964	214080
	10576-10845'	2998	296086	224597
	10242-10510'	2994	302011	220224
	9908-10176'	3025	300626	215782
	9574-9842'	2995	301594	212909
	9240-9508'	3226	302288	215610
	8906-9174'	2994	301607	211512
	8572-8840'	3104	302672	215165
	8237-8506'	3000	297964	214080
	8171-8172'			
	8104-8105'			
(Sqz 10/23/12) -	8037-8038'	2996	303117	210892
(Sqz 10/23/12) -	7970-7971'			
(Sqz 10/23/12) -	7903-7904'			
	7836-7837'			
(Sqz 10/23/12) -	7770-7771'			
(Sqz 10/23/12) -	7703-7704'	2992	295356	203788
(Sqz 10/23/12) -	7636-7637'			
(Sqz 10/23/12) -	7569-7570'			
	7502-7503'			
(Sqz 10/23/12) -	7435-7436'			
(Sqz 10/23/12) -	7369-7370'	2984	383428	237854
(Sqz 10/23/12) -	7302-7303'			
(Sqz 10/23/12) -	7235-7236'			
Totals		48310	4886732	3539939