

UNITED STATES
DEPARTMENT OF THE INTERIOR **OCD Artesia**
BUREAU OF LAND MANAGEMENT

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

5 LEASE DESIGNATION AND SERIAL NO

NMNM12559

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 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**
At top prod Interval reported below

10 FIELD NAME
Hay Hollow; Bone Spring

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

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'** 19 Plug back T.D. MD **12581'**
TVD **7034'** 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 Cement Depth	No of Sks & 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	7235'	12562'	See Attached	0.43	736	Open
B)	6322	12586				
C)						
D)						

26 Perforation Record

27 Acid, Fracture Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
See Attached	See Attached

RECEIVED
JUN 19 2012
NMOCD ARTESIA

RECLAMATION
DUE 11-14-12

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	

ACCEPTED FOR RECORD

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	
			→						

JUN 16 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

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

32 Additional remarks (include plugging procedure)

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

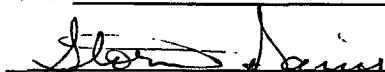
- Electrical/ Mechanical Logs (1 full set required)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other Deviation Report

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 6/4/12

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

<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
7903-8172'	2996	303117	210892
7569-7837'	2992	295356	203788
7235-7503'	2984	383428	237854
Totals	48310	4886732	3539939