

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 Resrv.

6 INDIAN ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT

2 Name of Operator  
COG Production LLC

8 FARM OR LEASE NAME  
Cottonmouth 23 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  
30-015-39784

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 35' FNL & 2310' FWL, Unit C (NENW) Sec 23-T26S-R28E

10 FIELD NAME  
Hay Hollow; Bone Spring

At top prod Interval reported below

11 SEC T. R. M. OR BLOCK AND SURVEY OR AREA 23 T 26S R 28E

At total depth 347' FSL & 2189' FWL, Unit N (SESW) Sec 23-T26S-R28E

12 COUNTY OR PARISH Eddy 13 STATE NM

14 Date Spudded 4/22/12 15 Date T D Reached 5/5/12 16 Date Completed 7/19/12  
 D & A  Ready to Prod

17 ELEVATIONS (DF, RKB, RT, GR, etc)\*  
2945' GR 2963' KB

18 Total Depth MD 12805' TVD 8148' 19 Plug back T D MD 12801' TVD 8148' 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 Sks & Type of Cement	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	48#	0	425'		450 SX		0	None
12 1/4"	9 5/8" J55	36#	0	2505'		850 SX		0	None
7 7/8"	5 1/2" P110	17#	0	12803'		1850 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"	7872'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No of Holes	Perf Status
A) Bone Spring	8336'	12769'	See Attached	0.43	414	Open
B)						
C)						
D)						

26 Perforation Record

27 Acid, Fracture Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
See Attached	See Attached

**RECEIVED**  
 AUG 14 2012  
 NMOCD ARTESIA

**RECLAMATION DUE 1-19-13**

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
7/18/12	7/21/12	24	→	769	1298	1937			Flowing
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
	600#	1030#	→	769	1298	1937		Producing	

**ACCEPTED FOR RECORD**  
 AUG 12 2012  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

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)

*[Handwritten signature]*

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

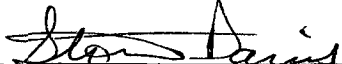
Formation	Top	Bottom	Descriptions Contents, Etc	Name	Top
					Measured Depth
Delaware Bone Spring	2561'	6266'		Top of Salt	760'
	6267'	12805'		Bottom of Salt	2367'
				Delaware	2561'
				Bone Spring	6267'
					TD 12805'

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 7/23/12

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 23 FEDERAL COM #1H

30-015-39784

Sec 23-T26S-R28E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
12365-12769'	2962	372076	349673
11861-12265'	2999	374490	322233
11358-11762'	2989	302549	374720
10854-11258'	3272	377247	296695
10351-10754'	3819	374867	302379
9847-10251'	2964	375529	308742
9343-9747'	3024	375202	280854
8840-9244'	3002	373569	279013
8336-8739'	3018	354104	272549
<b>Totals</b>	<b>28049</b>	<b>3279633</b>	<b>2786858</b>