

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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NMNM121474

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other b Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff Resrv Other _____				6 INDIAN ALLOTTEE OR TRIBE NAME 7 UNIT AGREEMENT	
2 Name of Operator COG Production LLC				8 FARM OR LEASE NAME Copperhead 31 Federal Com #2H	
3 Address 2208 W. Main Street Artesia, NM 88210		3a Phone No (include area code) 575-748-6946		9. API WELL NO 30-015-39791	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 480' FSL & 2140' FEL, Lot 6 (NWNE) Sec 31-T26S-R29E At top prod Interval reported below At total depth 1615' FNL & 2175' FEL, Unit G (SWNE) Sec 30-T26S-R29E				10 FIELD NAME (97876) Wildcat G-03 S262932E; Bone Spring 11 SEC T. R. M. OR BLOCK AND SURVEY OR AREA 31 T 26S R 29E 12. COUNTY OR PARISH 13 STATE Eddy NM	
14 Date Spudded 3/6/12		15 Date T D Reached 3/31/12		16 Date Completed 5/22/12 ☐ D & A ☒ Ready to Prod	
17. ELEVATIONS (DF, RKB, RT, GR, etc)* 2901' GR 2918' KB		18 Total Depth MD 13497' TVD 8302'		19 Plug back T D MD 13449' TVD 8302'	
20 Depth Bridge Plug Set MD TVD				21 Type Electric & other Logs Run (Submit a copy of each) DLL, DSN	
22 Was well cored? ☐ No ☒ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)					

[illegible]

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"	7989'	7979'						

25	Producing Intervals			26 Perforation Record			
	Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf Status
A)	Bone Spring	8469'	13401'	8469-13401'	0.43	460	Open
B)							
C)							
D)							

27	Acid, Fracture Treatment, Cement Squeeze, Etc		
	Depth Interval		
	See Attached		

RECEIVED

JUN 19 2012

NMOCD ARTESIA

Amount and Type of Material

See Attached

RECLAMATION

DUE 11-12-12

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
5/25/12	6/5/12	24	➡	620	1500	2165			Flowing
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
2"	260#		➡	620	1500	2165		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 JUN 16 2012
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status
								<i>[Signature]</i> BUREAU OF LAND MANAGEMENT

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

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)

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	2623'	6346'		Rustler	170'
	6347'	13497'		Top of Salt	965'
				Bottom of Salt	2501'
				Delaware	2623'
				Bone Spring	6347'
					TD 13497'

32 Additional remarks (include plugging procedure)

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

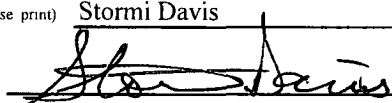
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☒ Core Analysis
 ☒ Other Deviation Report

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 6/6/12

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

COPPERHEAD 31 FEDERAL COM #2H

30-015-39791

Sec 31-T26S-R29E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
12997-13401'	4074	377192	361578
12494-12898'	3010	374767	284903
11991-12395'	3057	375458	286974
11488-11892'	3145	376953	286117
10985-11388'	3001	373911	266299
10482-10885'	3026	375362	263845
9979-10382'	3009	374544	262039
9475-9879'	3046	376398	258264
8972-9376'	3133	380821	255661
8469-8873'	3017	401462	258906
Totals	31518	3786868	2784586