

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. LEASE DESIGNATION AND SERIAL NO.

NMNM120908

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

MAY 21 2013

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

2. Name of Operator

COG Production LLC

8. FARM OR LEASE NAME

Redhead 31 Federal #1H

3. Address

2208 W. Main Street  
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

9. API WELL NO.

30-025-40390

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 330' FNL & 990' FWL, Lot 1 (NWNW) Sec 31-T24S-R32E

At top prod. Interval reported below

At total depth 383' FNL & 989' FWL, Lot 4 (SWSW) Sec 31-T24S-R32E

10. FIELD NAME

Wildcat G-06 S253206M; Bone Spring

11. SEC. T. R. M., OR BLOCK AND SURVEY  
OR AREA 31 T 24S R 32E

12. COUNTY OR PARISH 13. STATE

Lea

NM

14. Date Spudded

10/17/12

15. Date T.D. Reached

11/11/12

16. Date Completed

4/2/13

☐ D & A

☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*

3514'

GR

3531'

KB

18. Total Depth:

MD 14760'

TVD 10467'

19. Plug back T.D.:

MD 14690'

TVD 10468'

20. Depth Bridge Plug Set:

MD 14690'

TVD 10468'

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	54.5#	0	855'		750 SX		0	None
12 1/4"	9 5/8" J55	36# & 40#	0	4525'		1550 SX		0	None
7 7/8"	5 1/2" P110	17#	0	14760'		2000 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"	9866'	9858'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	10620'	14670'	10620-14622'	0.43	396	Open
B)			14660-14670'		60	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Attached	See Attached

RECLAMATION  
DUE 10-2-13

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
4/4/13	4/12/13	24	→	1051	1919	1274			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
52/64"	450#		→	1051	1919	1274			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	
			→						

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

ACCEPTED FOR RECORD

MAY 18 2013

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

MAY 23 2013

## 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
Lamar Bone Spring	4520'	8393'		Rustler	673'
				Top of Salt	1005'
	8394'	14760'		Bottom of Salt	4279'
				Lamar	4520'
				Bone Spring Lime	8394'
				1st Bone Spring	9463'
				2nd Bone Spring	9791'
				3rd Bone Spring	10594'
					TD. 14760'

32. Additional remarks (include plugging procedure):

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

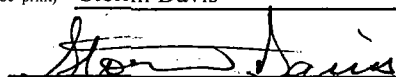
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

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 4/22/13

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.

**REDHEAD 31 FEDERAL #1H****30-025-40390****Sec 31-T24S-R32E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
14370-14622'	4158	301426	281232
13995-14247'	3003	299268	236009
13620-13872'	3020	304924	205286
13245-13497'	3007	302163	204784
12870-13122'	3066	301920	205926
12495-12747'	3019	302824	204149
12120-12372'	2988	299133	203320
11745-11997'	3059	304404	203440
11370-11622'	2962	299562	202281
10995-11247'	3022	300135	201101
10620-10872'	4322	238554	179874
<b>Totals</b>	<b>35626</b>	<b>3254313</b>	<b>2327402</b>