

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.

NMLC069033

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 Operating LLC

8. FARM OR LEASE NAME

Firefox 4 Federal Com #5H

3. Address

2208 W. Main Street  
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

9. API WELL NO.

30-015-41423

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

At surface 670' FSL &amp; 250' FWL, Unit M (SWSW) Sec 4-T19S-R31E

At top prod. Interval reported below

At total depth 416' FSL &amp; 338' FEL, Unit P (SESE) Sec 4-T19S-R31E

10. FIELD NAME

Hackberry; Bone Spring, North

11. SEC. T. R. M. OR BLOCK AND SURVEY  
OR AREA 4 T 19S R 31E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

14. Date Spudded

6/16/13

15. Date T.D. Reached

6/30/13

16. Date Completed

8/7/13

☐ D & A☒ Ready to Prod.

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

3555'

GR

3573'

KB

18. Total Depth:

MD

13375'

TVD

8869'

19. Plug back T.D.:

MD

13367'

TVD

8870'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; other Logs Run (Submit a copy of each)

None

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	54.5#	0	680'		625 sx		0	None
12 1/4"	9 5/8" J55	36#	0	2797'		900 sx		0	None
7 7/8"	5 1/2" P110	17#	0	13370'		2100 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"	8263'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	8972'	13329'	8972-13329'	0.43	506	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Attached	See Attached

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
8/11/13	8/21/13	24	→	390	408	1261			Pumping
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	300#	80#	→	390	408	1261		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

RECEIVED

SEP 17 2013

INMOCD ARTESIA

SEP 15 2013

BUREAU OF LAND MANAGEMENT  
FIELD OFFICE

RECLAMATION

DUE 2-2-14

## 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.)

Flaring

## 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
Bone Spring	6509'	13375'		Rustler	605'
				Top of Salt	677'
				Bottom of Salt	2209'
				Bone Spring Lime	6509'
				1st Bone Spring	7869'
				2nd Bone Spring	8631'
					TD. 13375'

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:

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 8/28/13

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.

**FIREFOX 4 FEDERAL COM #5H**

30-015-41423

Sec 4-T19S-R31E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13023-13329'	2958	304464	267540
12618-12924'	3000	310201	262626
12213-12519'	2997	306399	240030
11808-12114'	2989	295937	261072
11403-11709'	2980	299628	227430
10998-11303'	2982	302301	227724
10592-10898'	2982	302614	228816
10187-10493'	2989	296904	223734
9782-10088'	2990	300151	225246
9377-9679'	2982	296616	222978
8972-9278'	3000	298286	232470
<b>Totals</b>	<b>32849</b>	<b>3313501</b>	<b>2619666</b>

