

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 09 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM054290

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

Other

2. Name of Operator

COG Production LLC

3. Address

2208 W. Main Street
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

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

At surface 191' FNL & 1841' FWL, Lot 3 (NENW) Sec 2-T26S-R29E

At top prod. Interval reported below

At total depth 818' FNL & 1662' FWL, Unit C (NENW) Sec 35-25S-29E

14. Date Spudded

10/7/12

15. Date T.D. Reached

11/21/12

16. Date Completed

3/7/13

☐ D & A

☒ Ready to Prod.

18. Total Depth:

MD 13400'

TVD 8822'

19. Plug back T.D.:

MD

13337'

TVD

8822'

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 Sk. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H40	48#	0	670'		950		0	None
12 1/4"	9 5/8" J55	36#	0	3088'		1080		0	None
8 3/4"	7" P110	29#	0	8100'	5530'	930		46'	None
6 1/8"	4 1/2" P110	11.6#	7785'	13394'		530		7785'	None
6 1/8"	4 1/2" P110	11.6#	7189'	12279'		200		7189'	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)
3 1/2"	7016'	7008'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring Upper Lateral	7850'	12190'	7850-12190'	0.43	506	Open
B) Bone Spring Lower Lateral	8998'	13305'	8998-13305'	0.43	506	Open
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
See Attached	See Attached

28. Production- Interval A

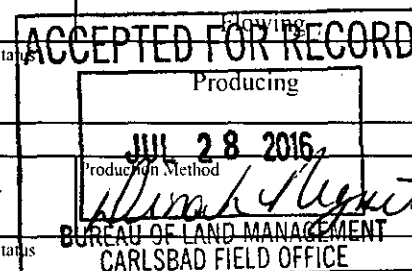
Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravity	Production Method
3/8/13	3/23/13	24	→	852	4279	3613			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg Press. SI	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	500#	980#	→	852	4279	3613			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. SI	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
			→						

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

RECLAMATION DUE: 9/2013



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 Flow, SI	Csg Press	24 Hr. Rate →	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	

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 Flwr. SI	Csg Press.	24 Hr. Rate →	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	

Sold

31. Formation (Log) Markers:

Formation	Top	Bottom	Descriptions Contents, Etc.	Name	Top
					Measured Depth
Delaware Sand	3138'	6894'		Rustler	525'
Bone Spring Lm	6895'	7810'		Top of Salt	678'
1st Bone Spring	7811'	8157'		Bottom of Salt	2945'
2nd Bone Spring	8158'	8940'		Delaware Sand	3138'
3rd Bone Spring	8941'	9600'		Bone Spring Lm	6895'
				1st Bone Spring	7811'
				2nd Bone Spring	8158'
				3rd Bone Spring	8941'
					TVD. 9600'

32. Additional remarks (include plugging procedure):

☐ 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)*

Date **9/3/15**

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.

Reposado Federal #3H

30-015-40652

Sec 2-T26S-R29E

<u>Upper Lateral</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
11884-12187'	2997	354950	332100
11481-11784'	3002	360900	352421
11078-11380'	2999	360640	351550
10674-10977'	3029	361096	309137
10271-10573'	2999	362233	274056
9867-10170'	3012	354679	233522
9464-9767'	3013	353460	233361
9061-9363'	3018	362768	196120
8657-8960'	3120	356522	184441
8254-8556'	3005	354301	185431
7850-8153'	3008	341008	180871
Totals	33202	3922557	2833010

<u>Lower Lateral</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13005-13305'	2982	300968	263802
12604-12904'	2982	175319	273042
12203-12504'	3019	300523	285162
11803-12103'	2999	302214	266596
11402-11702'	3012	298428	244111
11001-11302'	2984	297890	229754
10601-10901'	3007	302038	231706
10200-10501'	3013	304822	229256
9799-10100'	2721	294071	229603
9399-9699'	2997	283645	228324
8998-9299'	2805	301446	230660
Totals	32521	3161364	2712016