

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.

NMNM14778

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

Other

2. Name of Operator

COG Production LLC

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

8. FARM OR LEASE NAME

Blackbart 15 Federal #2H

3. Address
2208 W. Main Street
Artesia, NM. 88210

3a. Phone No. (include area code)
575-748-6940

9. API WELL NO.

30-015-40797

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

At surface 190' FSL & 1800' FEL, Unit O (SWSE) Sec 15-T25S-R29E

At top prod. Interval reported below

At total depth 366' FNL & 2193' FEL, Unit B (NWNE) Sec 15-T25S-R29E

10. FIELD NAME

Willow Lake, Bone Spring, SE

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA 15 T 25S R 29E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

14. Date Spudded
10/31/12

15. Date T.D. Reached
11/16/12

16. Date Completed 2/4/13
☐ D & A ☒ Ready to Prod.

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

3086' GR 3103' KB

18. Total Depth: MD 12330'
TVD 7714'

19. Plug back T.D.: MD 12255'
TVD 7713'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H40	48#	0	715'		640 sx		0	None
12 1/4"	9 5/8" J55	36#	0	3200'		1040 sx		0	None
7 7/8"	5 1/2" P110	17#	0	12317'		2040 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"	7212'	7200'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	7913'	12237'	See Attached	0.43	644	Open
B)			12227-12237'		60	Open
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
2/18/13	2/23/13	24	→	404	8289	1834			Pumping
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
2"	1080#	310#	→	404	8289	1834			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)

RECEIVED
MAR 26 2013
NMOCD ARTESIA

DECLARATION
DUE 8-4-13

ACCEPTED FOR RECORD

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	3151'	6948'		Rustler	763'
	6949'	12330'		Top of Salt	935'
				Bottom of Salt	2965'
				Delaware	3151'
				Bone Spring	6949'
					TD. 12330'

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 2/25/13

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.

BLACKBART 15 FEDERAL #2H**30-015-40797****Sec 15-T255-R29E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
11938-12171'	3030	343233	300860
11628-11862'	2993	344345	279572
11319-11553'	2994	347826	277125
11009-11242'	3004	338751	273904
10699-10934'	2966	341355	208466
10390-10624'	2932	340016	208380
10080-10314'	3019	337837	205571
9771-10005'	2940	341974	207060
9461-9695'	3004	338891	193042
9151-9385'	3000	340115	191499
8842-9075'	2948	340170	191642
8532-8765'	2995	340754	192387
8223-8456'	3015	340642	192242
7913-8147'	3017	443731	221998
Totals	41857	4879640	3143748

