

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION/RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

NMNM114349

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

Jack Federal #4H

3. Address

2208 W. Main Street
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

9. API WELL NO.

30-015-42134

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

At surface 190' FNL & 2310' FEL, Unit B (NWNE) Sec 31-T25S-R27E

At top prod. Interval reported below

At total depth 357' FSL & 2045' FEL, Unit O (SWSE) Sec 31-T25S-R27E

10. FIELD NAME

Wildcat G-03 S262631M; Bone Spring

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA 31 T 25S R 27E

12. COUNTY OR PARISH

13. STATE

Eddy

NM

14. Date Spudded

3/16/14

15. Date T.D. Reached

4/5/14

16. Date Completed

5/1/14

☐ D & A☒ Ready to Prod.

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

3262'

GR

3279'

KB

18. Total Depth:

MD

11859'

TVD

7499'

19. Plug back T.D.:

MD

11856'

TVD

7499'

20. Depth Bridge Plug Set:

MD

TVD

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

Laterolog, Sonic, CNL

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 Sks. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	395'	None	400 sx		0	None
12 1/4"	9 5/8" J55	40#	0	2045'	None	700 sx		0	None
7 7/8"	5 1/2" P110	17#	0	11850'	None	2235 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"	7215'	6858'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	7749'	11770'	7749-11690'	0.43	504	Open
B)			11760-11770'		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
5/4/14	5/22/14	24	→	746	1870	3512			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
200#			→	746	1870	3512		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	
			→						

ACCEPTED FOR RECORD

JUN 22 2014

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
FlowingDECLARATION
DUE 11-1-14

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	5597'	8712'		Rustler Top of Salt Base of Salt Lamar Bone Spring Lime 1st Bone Spring 2nd Bone Spring 3rd Bone Spring Wolfcamp	225' 396' 1841' 2039' 5597' 6525' 6775' 8369' 8713'
					TVD. 7499'

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 5/28/14

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.

JACK FEDERAL #4H

30-015-42134

Sec 31-T25S-R27E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
11517-11690'	9282	451464	407484
11227-11420'	6006	451305	353682
10937-11130'	5982	450572	330792
10647-10841'	5964	450278	328650
10357-10551'	6048	452644	329196
10068-10261'	8988	457220	343644
9778-9971'	6300	448045	327474
9488-9681'	6906	450259	327768
9198-9391'	5964	448997	326088
8908-9102'	6048	449816	325374
8618-8812'	6006	452391	327138
8329-8522'	6006	453086	328020
8039-8232'	6048	449143	321972
7749-7942'	6888	453105	326466
Totals	92436	6318325	4703748