

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-42134	⁵ Pool Name Wildcat G-03 S262631M; Bone Spring	⁶ Pool Code 97818
⁷ Property Code 38565	⁸ Property Name Jack Federal	⁹ Well Number 4H

II. ¹⁰ Surface Location

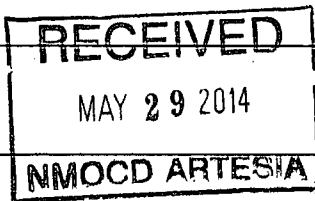
Ul or lot no. B	Section 31	Township 25S	Range 27E	Lot Idn	Feet from the 190	North/South Line North	Feet from the 2310	East/West line East	County Eddy
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¹¹ Bottom Hole Location

Ul or lot no. O	Section 31	Township 25S	Range 27E	Lot Idn	Feet from the 357	North/South Line South	Feet from the 2045	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 248440	¹⁹ Transporter Name and Address Western Refining Company, LP 6500 Trowbridge Drive El Paso, TX 79905	²⁰ O/G/W O



IV. Well Completion Data

²¹ Spud Date 3/16/14	²² Ready Date 5/1/14	²³ TD 11859' 2500	²⁴ PBDT 11856'	²⁵ Perforations 7749-11770'	²⁶ DHC, MC
²⁷ Hole Size 17 1/2"	²⁸ Casing & Tubing Size 13 3/8"	²⁹ Depth Set 395'	³⁰ Sacks Cement 400 sx		
12 1/4"	9 5/8"	2045'	700 sx		
7 7/8"	5 1/2"	11850'	2235 sx		
	2 7/8"	7215'			

V. Well Test Data

³¹ Date New Oil 5/4/14	³² Gas Delivery Date	³³ Test Date 5/22/14	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 200#	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 746	³⁹ Water 3512	⁴⁰ Gas 1870		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Stormi Davis*

Printed name:
Stormi Davis

Title:
Regulatory Analyst

E-mail Address:
sdavis@concho.com

Date:
5/28/14

Phone:
575-748-6946

OIL CONSERVATION DIVISION

Approved by:

RDade

Title:

Dist H Spun

Approval Date:

7-2-14

Pending BLM approvals will
subsequently be reviewed
and scanned

3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. Name of Operator

COG Operating LLC

3. Address

2208 W. Main Street
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

8. FARM OR LEASE NAME

Jack Federal #4H

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

Eddy

13. STATE

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 Sk. & 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)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
See Attached.	See Attached

RECEIVED

MAY 29 2014

NMOCD ARTESIA

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	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

28b. Production- Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravitv	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 Gravitv	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	225'
				Top of Salt	396'
				Base of Salt	1841'
				Lamar	2039'
				Bone Spring Lime	5597'
				1st Bone Spring	6525'
				2nd Bone Spring	6775'
				3rd Bone Spring	8369'
				Wolfcamp	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