

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

NMNM124664

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

MAR 20 2012

6 INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

2 Name of Operator

COG Operating LLC

8 FARM OR LEASE NAME

Gunner 8 Federal #8H

3 Address  
2208 W. Main Street  
Artesia, NM 88210

3a Phone No (include area code)

575-748-6940

9 API WELL NO

30-025-40309

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

At surface 990' FSL & 330' FWL, Unit M (SWSW) of Sec 8-T26S-R34E

At top prod Interval reported below

At total depth 1992' FSL & 326' FWL, Unit E (SWNW) of Sec 5-T26S-R34E

10 FIELD NAME

Wildcat; Bone Spring

11 SEC T. R. M. OR BLOCK AND SURVEY OR AREA 8 T 26S R 34E

12 COUNTY OR PARISH 13 STATE

Lea

NM

14 Date Spudded

10/30/11

15 Date T D Reached

12/22/11

16 Date Completed

2/3/12

☐ D & A

☒ Ready to Prod

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

3361'

GR

3382'

KB

18 Total Depth

MD

17225'

TVD

9706'

19 Plug back T D

MD

17220'

TVD

9706'

20. Depth Bridge Plug Set.

MD

TVD

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

DLL, DSN

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	795'		700 sx		0	None
12 1/4"	9 5/8" J55	36#/40#	0	5265'		1600 sx		0	None
7 7/8"	5 1/2" P110	17#	0	17225'		2500 sx		1830' (TS)	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"	9634'	9618'						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No of Holes	Perf Status
A) Bone Spring	10059'	17194'	10059-17194'	0.43	828	Open
B)						
C)						
D)						

26 Perforation Record

27 Acid, Fracture Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
10059-17194'	Acid w/53718 gal 7 1/2%; Frac w/7089075# sand & 5504943 gal fluid

RECLAMATION  
DUE 8-3-12

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
2/12/12	2/19/12	24	→	278	554	2581			Flowing
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
42/64"	580#		→	278	554	2581		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  
MAR 18 2012  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

MAR 22 2012

## 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	5308' 9399'	9398' 17225'		Top of Salt Bottom of Salt Delaware Bone Spring	1061' 5058' 5308' 9399'
					TD 17225'

32 Additional remarks (include plugging procedure)

## 33 Indicate which items have been attached by placing a check in the appropriate boxes

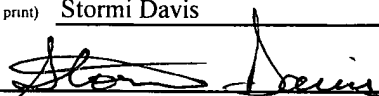
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other Deviation Report

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 2/21/12

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.