

RECEIVED

APR 13 2011

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOGFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

5. LEASE DESIGNATION AND SERIAL NO.

SHL: NMNM92771, BHL NMNM01087

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 Operating LLC

6. INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT

8. FARM OR LEASE NAME

Citation X Federal Com #1H

3. Address

2208 W. Main Street  
Artesia, NM 88210

3a. Phone No. (include area code)

575-748-6940

9. API WELL NO.

30-025-39960

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

At surface 990' FSL &amp; 1980' FEL, Unit O (SWSE) of Sec 8-19S-32E

At top prod. Interval reported below

At total depth 1651' 2003' J 715' FSL &amp; 1959' FEL, Unit O (SWSE) of Sec 17-19S-32E

10. FIELD NAME

Lusk; Bone Spring, North Kz

11. SEC. T. R. M. OR BLOCK AND SURVEY  
OR AREA 8 T 19S R 32E

12. COUNTY OR PARISH 13. STATE

Lea

NM

14. Date Spudded

11/27/10

15. Date T.D. Reached

12/17/10

16. Date Completed

4/7/11

☐ D & A☒ Ready to Prod.

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

3622'

GR

3641'

KB

18. Total Depth:

MD 12983'

TVD 8520'

19. Plug back T.D.:

MD 12858'

TVD 8519'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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	1045'		1000 sx		0	None
12 1/4"	9 5/8" J55	36#	0	2748'		950 sx		0	None
7 7/8"	5 1/2" N80	17#	0	12933'	7836'	1640 sx (TOC @ 1846'-TS)		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"	8041'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	9274'	12835'	9274-12835'			Open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9274-12835'	Acidz w/23856 gal 15% acid; Frac w/3045572# sand & 2499780 gal fluid

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
4/8/11	4/10/11	24	→	140	290	119			Pumping
Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	400#	180#	→	140	290	119			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)

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## 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
Yates	2744'	3037'		Rustler	932'
Delaware	5470'	7091'		Top of Salt	1040'
Bone Spring	7092'	12983'		Bottom of Salt	2650'
				Yates	2744'
				Seven Rivers	3038'
				Queen	3754'
				San Andres	4842'
				Delaware	5470'
				Bone Spring	7092'
					TD. 12983'

32. Additional remarks (include plugging procedure):

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

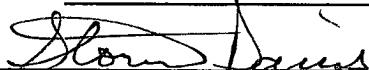
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

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 4/12/11

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.