

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.

SHL: VO-6323, BHL NMNM057239

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
Lizard Pot State Com #1H

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

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

9. API WELL NO.
30-015-38107

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

At surface 660' FSL & 660' FWL, Unit M (SWSW)

At top prod. Interval reported below

At total depth 349' FSL & 472' FWL, Unit M (SWSW) of Sec 1-20S-31E

10. FIELD NAME
WC Williams Sink; Bone Spring

11. SEC. T. R. M. OR BLOCK AND SURVEY.
OR AREA 36 T 19S R 31E

12. COUNTY OR PARISH 13. STATE
Eddy NM

14. Date Spudded 9/16/10 15. Date T.D. Reached 10/23/10 16. Date Completed 1/28/11
☐ D & A ☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)*
3481' GR 3498' KB

18. Total Depth: MD 14552' TVD 9278' 19. Plug back T.D.: MD 14504' TVD 9280'

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 Sk. & Type of Cement	Slurry Vol. (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J55	54.5#	0	926'		850 sx		0	None
12 1/4"	9 5/8" J55	36# & 40#	0	4101'	2603'	1850 sx		0	None
7 7/8"	5 1/2" N80	17#	0	14552'	8601'	1400 sx (TOC @ 1460'-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)
None								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf Status
A) Bone Spring	9500'	14425'	9500-14425'			Open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9500-14425'	Acid w/33590 gal 15% NEFE; Frac w/3967546# sand & 3536847 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
1/30/11	2/17/11	24	→	1000	985	707			Flowing
Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
		80#	→					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	
			→						

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	2410'	2741'		Rustler	1030'
Reef	2742'	4419'		Top of Salt	1074'
Delaware	4420'	7195'		Bottom of Salt	2259'
Bone Spring	7196'	14552'		Yates	2410'
				Reef	2742'
				Delaware	4420'
				Bone Spring	7196'
					TD. 14552'

32. Additional remarks (include plugging procedure):

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

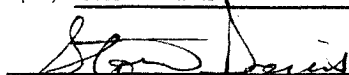
- ☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Report

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 2/24/11

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.