

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.

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 Federal Com #2H

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

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

9. API WELL NO.  
30-015-38146

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface 660' FSL & 1980' FWL, Unit N (SESW) Sec 36-T19S-R31E  
 At top prod. Interval reported below

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 Eddy  
13. STATE NM

14. Date Spudded 8/7/12  
 15. Date T.D. Reached 9/1/12  
 16. Date Completed 10/15/12  
 D & A  Ready to Prod.

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

18. Total Depth: MD 14670' TVD 9401'  
 19. Plug back T.D.: MD 14617' TVD 9401'  
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & other Logs Run (Submit a copy of each)  
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	901'		890 sx		0	None
12 1/4"	9 5/8" J55	36#&40#	0	4113'	2739'	2785 sx		0	None
7 7/8"	5 1/2" P110	17#	0	14626'		2510 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"	8632'							

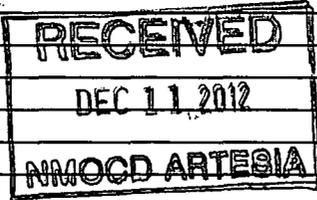
25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Bone Spring	10121'	14588'	10121-14588'	0.43	414	Open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
See Attached	See Attached
	RECLAMATION DUE 4-15-13



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
10/19/12	11/18/12	24	→	960	814	1632			Producing
Choke Size	Tbg. Press Flwg. SI 380#	Csg Press. 160#	24 Hr. Rate →	Oil Bbl 960	Gas MCF 814	Water Bbl 1632	Gas: Oil Ratio		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
			→						Producing
Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr. Rate →	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio		Producing

ACCEPTED FOR RECORD  
 DEC 8 2012  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

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

*[Handwritten signature]*

28b. Production- Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gravirv	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 Gravirv	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
Bone Spring	7272'	14670'		Rustler	943'
				Top of Salt	1029'
				Bottom of Salt	2462'
				Bone Spring	7176'
					TD. 14670'

32. Additional remarks (include plugging procedure):

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

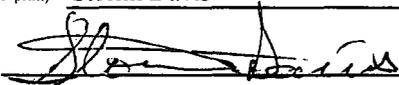
- Electrical/ Mechanical Logs (1 full set required)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other: Deviation Report

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 11/30/12

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.

**Lizard Pot Federal Com #2H**

**30-015-38146**

**Sec 36-T19S-R31E**

<u>Perforations</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
14181-14588'	2982	376764	318990
13674-14081'	3042	380182	330106
13166-13573'	2980	377794	432183
12659-13066'	2952	374622	323768
12151-12558'	3132	375359	325221
11644-12051'	3498	375359	328822
11136-11543'	3018	370773	323737
10629-11036'	2974	319438	292782
10121-10528'	<u>2993</u>	<u>390333</u>	<u>320770</u>
<b>Totals</b>	<b>27571</b>	<b>3340624</b>	<b>2996379</b>

