

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. INDIAN ALLOTTEE OR TRIBE NAME	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.		7. UNIT AGREEMENT	
Other _____		8. FARM OR LEASE NAME Lizard Pot Federal Com #2H	
2. Name of Operator COG Operating LLC		9. API WELL NO. 30-015-38146	
3. Address 2208 W. Main Street Artesia, NM 88210		3a. Phone No. (include area code) 575-748-6940	
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 At total depth 337' FSL & 2002' FWL, Unit N (SESW) Sec 1-T20S-R31E		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 17. ELEVATIONS (DF, RKB, RT, GR, etc.)* 3481' GR 3498' KB	
14. Date Spudded 8/7/12	15. Date T.D. Reached 9/1/12	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)
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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	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				26. Perforation Record			
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)							

27. Acid, Fracture Treatment, Cement Squeeze, Etc.		Amount and Type of Material	
Depth Interval See Attached		See Attached	
		RECLAMATION DUE 4-15-13	

28. Production- Interval A									
Date First Produced 10/19/12	Test Date 11/18/12	Hours Tested 24	Test Production →	Oil Bbl 960	Gas MCF 814	Water Bbl 1632	Oil Gravity Corr. API	Gas Gravity	Production Method Pumping
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	Well Status 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)

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
Bone Spring	7272'	14670'		Rustler Top of Salt Bottom of Salt Bone Spring	943' 1029' 2462' 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>
Totals	27571	3340624	2996379

