

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO 1004-0137
Expires: March 31, 2007

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5 Lease Serial No LC-056551A			
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr, Other _____						6 If Indian, Allottee or Tribe Name ---			
2. Name of Operator COG Operating LLC						7 Unit or CA Agreement Name and No ---			
3 Address 550 W. Texas, Suite 1300, Midland, TX 79701				3a Phone No. (include area code) 432-685-4332		8 Lease Name and Well No Holder CB Federal #11			
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 715' FSL & 990' FWL, Unit M At top prod interval reported below At total depth <div style="text-align: center; font-size: 1.2em;">OCT 11 2007 OCD-ARTESIA</div>						9 AFI Well No 30-015-35471			
14. Date Spudded 08/07/2007		15 Date T.D. Reached 08/20/2007		16 Date Completed 09/15/2007 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		10 Field and Pool, or Exploratory Loco Hills Empire Yeso			
18. Total Depth MD 5896 TVD		19. Plug Back T.D. MD 5881 TVD		20 Depth Bridge Plug Set: MD None TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN / HNGS, Micro CFL / HNGS				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 checked="" type="checkbox"/> No <input type="checkbox"/> 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	48		440		927 C		1" to Surface	None
12-1/4	8-5/8	24		1380		800 C		Surface	Circ 105
7-7/8	5-1/2	17		5895		1400 C		Surface	Circ 230
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	5517								
25. Producing Intervals				26 Perforation Record					
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status	
A) Yeso				5010 - 5173		2 SPF	46	Open	
B) Yeso				5252 - 5518		2 SPF	64	Open	
C)									
D)									
27 Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval			Amount and Type of Material						
5010 - 5173			Acidize w/ 2500 gals acid. Frac w/ 8,000# LiteProp, 90,400# 16/30 sand, 94,950 gals gel.						
5252 - 5518			Acidize w/ 1675 gals acid. Frac w/ 8000# LiteProp, 90,960# 16/30 sand, 98,487 gals gel.						
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
09/19/2007	09/20/2007	24	→	139	343	310	39.6		Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→				2467	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 Meas Depth
Yates	1215				
7 Rivers	1510				
Queen	2105				
San Andres	2833				
Glorieta	4246				
Yeso	4334				

32. Additional remarks (include plugging procedure):

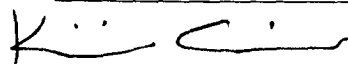
33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

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) **Kanicia Carrillo**Title **Regulatory Analyst**

Signature



Date

10/10/2007

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.