

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

5 Lease Serial No **NM-074935**

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other									
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 Resrv., Other _____									
2 Name of Operator COG Operating LLC									
3 Address 550 W. Texas, Suite 1300, Midland, TX 79701				3a Phone No. (include area code) 432-685-4332					
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 2300 FNL & 1675 FWL, Unit F At top prod. interval reported below At total depth									
14 Date Spudded 12/14/2007		15 Date T/D Reached 12/28/2007		16 Date Completed 01/17/2008 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		6 If Indian, Allottee or Tribe Name ---			
						7 Unit or CA Agreement Name and No. ---			
						8 Lease Name and Well No. Electra Federal #19			
						9 API Well No. 30-015-35781			
						10 Field and Pool, or Exploratory Loco Hills Glorieta Yeso			
						11 Sec., T, R, M, on Block and Survey or Area Sec 10, T17S, R30E			
						12 County or Parish Eddy	13 State NM		
14 Date Spudded 12/14/2007		15 Date T/D Reached 12/28/2007		16 Date Completed 01/17/2008 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 Elevations (DF, RKB, RT, GL)* 3700 GL			
18 Total Depth: MD 6100 TVD			19 Plug Back T.D.. MD 6038 TVD			20 Depth Bridge Plug Set. MD 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		418		928 C		1" to Surface	
12-1/4	8-5/8	32		1384		800 C		Surface	362
7-7/8	5-1/2	17		6100		1200 C		Surface	354
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	5784.17								
25 Producing Intervals								26 Perforation Record	
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status	
A) Yeso				4990 - 5090		2 SPF	36	Open	
B) Yeso				5176 - 5376		2 SPF	36	Open	
C) Yeso				5460 - 5660		2 SPF	48	Open	
D) Yeso				5740 - 5940		2 SPF	48	Open	
27 Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
4990 - 5090		Acidize w/6,700 gals acid. Frac w/33,922 gals gel, 37,904# 16/30 sand.							
5176 - 5376		Acidize w/ 6,500 gals acid. Frac w/61,709 gals gel, 88,356# 16/30 sand.							
5460 - 5660		Acidize w/ 6,000 gals acid. Frac w/61,709 gals gel, 91,443# 16/30 sand.							
5740 - 5940		Acidize w/ 6,008 gals acid. Frac w/62,297 gals gel, 74,995# 16/30 sand.							
8 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
1/19/2008	01/26/2008	24	→	136	252	422	39.0		Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Producing	
8a 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	1270				
7 Rivers	1570				
Queen	2180				
San Andres	2900				
Yeso	4420				
Tubb	5960				

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 **02/27/2008**

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