

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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FORM APPROVED  
OMBNO 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. <b>LC-029342B</b>							
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"/> Drift Resvr, Other _____		6 If Indian, Allottee or Tribe Name ---							
2. Name of Operator <b>COG Operating LLC</b>		7 Unit or CA Agreement Name and No ---							
3 Address <b>550 W. Texas, Suite 1300, Midland, TX 79701</b>		8 Lease Name and Well No. <b>Polaris B Federal #15</b>							
3a Phone No. (include area code) <b>432-685-4332</b>		9 AFI Well No <b>30-015-35931</b>							
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>1800 FSL &amp; 915 FEL, Unit 1</b> At top prod interval reported below At total depth		10 Field and Pool, or Exploratory <b>Loco Hills; Glorieta Yeso</b>							
14 Date Spudded <b>01/18/2008</b>		11 Sec, T, R, M, on Block and Survey or Area <b>Sec 9, T17S, R30E</b>							
15 Date T.D. Reached <b>01/11/2008</b>		12 County or Parish <b>Eddy</b>							
16 Date Completed <b>01/31/2008</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		13 State <b>NM</b>							
18. Total Depth MD <b>5920</b> TVD		17 Elevations (DF, RKB, RT, GL)* <b>3687 GL</b>							
19 Plug Back T.D MD <b>5860</b> TVD		20 Depth Bridge Plug Set MD <b>None</b> TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CN / HNGS, Micro CFL / HNGS</b>		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#		434		530 C		1" to Surface	Circ 50
12-1/4	8-5/8	32#		1344		800 C		Surface	Circ 380
7-7/8	5-1/2	17#		5920		1100 C		Surface	Circ 263
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	5820								
25 Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) <b>Yeso</b>			<b>5006 - 5206</b>	<b>2 SPF</b>	<b>36</b>	<b>Open</b>			
B) <b>Yeso</b>			<b>5346 - 5546</b>	<b>2 SPF</b>	<b>36</b>	<b>Open</b>			
C) <b>Yeso</b>			<b>5620 - 5820</b>	<b>2 SPF</b>	<b>48</b>	<b>Open</b>			
D)									
27 Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5006 - 5206		Acidize w/ 5000 gals acid. Frac w/95,886 gals gel, 25,934# Siberprop, 105,927# 16/30 sand.							
5346 - 5546		Acidize w/ 5000 gals acid. Frac w/ 65,152 gals gel, 13,725# Siberprop, 71,638# 16/30 sand.							
5620 - 5820		Acidize w/ 5000 gals acid. Frac w/ 66,572 gals gel, 10,000# Siberprop, 53,000# 16/30 sand.							
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
02/04/2008	02/12/2008	24	→	85	195	295	39.3		Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	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 Meas. Depth
<b>Yates</b>	<b>1240</b>				
<b>7 Rivers</b>	<b>1540</b>				
<b>Queen</b>	<b>2135</b>				
<b>San Andres</b>	<b>2870</b>				
<b>Yeso</b>	<b>4390</b>				
<b>Tubb</b>	<b>5830</b>				

## 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 **03/03/2008**

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.