

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD-HOBBS

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SEP - 9 2008  
FORM APPROVED  
HOBBS OCD  
LC-029405A

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6 If Indian, Allottee or Tribe Name	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr, Other _____		7 Unit or CA Agreement Name and No	
2 Name of Operator <b>COG Operating LLC</b>		8 Lease Name and Well No. <b>BC Federal #8</b>	
3. Address <b>550 W. Texas, Ste.1300 Midland, Texas 79701</b>		9 AFI Well No <b>30-025-36194</b> <i>Sc</i>	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>990' FNL &amp; 990' FWL</b> At top prod interval reported below At total depth		10 Field and Pool, or Exploratory <b>Maljamar; Yeso, West</b>	
14 Date Spudded <b>05/11/2003</b>		15 Date T D Reached <b>06/16/2008</b>	
16 Date Completed <b>06/26/2008</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 Elevations (DF, RKB, RT, GL)* <b>3966' GR</b>	
18. Total Depth MD <b>7060</b> TVD		19 Plug Back T D: MD <b>6190'</b> TVD	
20. Depth Bridge Plug Set. MD <b>6190'</b> TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL/CCL/GR</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		732		625 sxs			None
12 1/4	9 5/8	53.5		2100		750 sxs			None
7 7/8	5 1/2	17		5792		1280 sxs			None
4 3/4	4	11.3		7048		350 sxs C		5558'	

24 Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
None									

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No Holes	Perf. Status
A) Paddock	5321'	5509'		5321'-5509'		39	Closed - Squeeze
B) Yeso	5940'	6140'		5940'-6140'		32	Open
C) Yeso	6230'	6430'		6230'-6430'		32	Closed
D) Yeso	6530'	6730'		6530'-6730'		48	Closed

27 Acid, Fracture, Treatment, Cement Squeeze, etc	
Depth Interval	Amount and Type of Material
5940'-6140'	Acidize w/2500 gal 15% HCL. Frac w/52,668 gal 22# Lghtng; 47,500# 16/30 Ottawa; 19,500# 16/30 SiberProp.
6230'-6430'	Acidize w/2500 gal 15% HCL. Frac w/58,062 gal 22# Lghtng; 69,500# 16/30 Ottawa; 22,600# SiberProp.
6530'-6730'	Acidize w/2500 gal 15% HCL. Frac w/68,376 gal 22# Lghtng; 71,897# 16/30 Ottawa; 23,940# SiberProp.
	Flush w/1000 gal 15% HCL & 2150 gal linear gel.

28 Production - Interval A										ACCEPTED FOR RECORD AUG 23 2008 <i>J. Bms</i> BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
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		
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	
07/04/2008	07/21/2008	24		22	140	10	37.6	.600		
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	

300 AUG 26 AM 7:36

## 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	

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## 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
Yaso	5321	6730		Yates 7-Rivers Queen San Andres Glorieta	2012 2378 2984 3778 5226

## 32. Additional remarks (include plugging procedure):

06-10-08 RIH w/Cmt Retainer &amp; set @ 5160'. Cmt. w/300 sxs C w/3# gilsonite &amp; 2% CaCl. Pressure up on csg to 1000 psi &amp; test piper rams, held good. drill out cmt. retainer. Drill out cmt to TD of 6616', started drilling to deepen.

## 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

3160-5

## 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) Carol Ann Lance

Title Regulatory Analyst

Signature

Carol Ann Lance

Date 08/14/2008

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.