

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. <b>NMLC-072015C</b>	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. 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. <b>34622</b>	
3. Address <b>550 W. Texas, Suite 1300</b>		8. Lease Name and Well No. <b>Hanson Federal #003</b>	
3a. Phone No. (include area code) <b>432-685-4340</b>		9. AFI Well No. <b>30-015-21586 0052</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>1980' FNL &amp; 1980' FEL, Unit G</b> At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory <b>Wildcat; Wolfcamp (Oil)</b>	
14. Date Spudded <b>05/10/2005</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec 33, T20S, R27E</b>	
15. Date T.D. Reached <b>06/17/2005</b>		12. County or Parish <b>Eddy</b>	
16. Date Completed <b>06/01/2006</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State <b>NM</b>	
17. Elevations (DF, RKB, RT, GL)* <b>3195' GL</b>			
18. Total Depth: MD <b>TVD 11,030</b>		19. Plug Back T.D.: MD <b>TVD 9495</b>	
20. Depth Bridge Plug Set: MD <b>TVD</b>			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		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
17.5	13.375	48	373			725			
11	8.625	32	2302			1100			
7.875	5.5	17	11,030			2575			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8	8364	None						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Wolfcamp</b>			8,448' - 8,536'		86	Open
B) <b>Strawn</b>			9,564' - 9,595'		31	Plugged
C) <b>Morrow</b>			10,590' - 10,911'		20	Plugged
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material

## 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
06/01/2006	06/03/2006	24	→	200	388	0	52.0		FLOWING
Choke Size 18/64	Tbg. Press. Flwg. SI 500	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio 1940	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
			→						
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)

ACCEPTED FOR RECORD

JUN 14 2006

DAVID R. GLASS  
PETROLEUM ENGINEER

## 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 CARLSBAD FIELD OFFICE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	2004 JUN -7 PM 2:45

## 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 HE EIVED
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
DELAWARE	2,407				
1st BONE SPRING	5,784				
2nd BONE SPRING	6,532				
3rd BONE SPRING	7,836				
WOLFCAMP	8,283				
STRAWN	9,667				
MORROW	10,207				

## 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) Phyllis A. EdwardsTitle Regulatory Analyst

Signature

Phyllis A. EdwardsDate 06/06/2006

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.