

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No  
NMLC058181

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 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 _____			7. Unit or CA Agreement Name and No		
2 Name of Operator COG OPERATING LLC			Contact: NETHA AARON E-Mail: oaaaron@conchoresources.com		
3 Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-818-2319		
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSE 1785FSL 2073FEL 32.802620 N Lat, 104.229851 W Lon At top prod interval reported below NWSE 1785FSL 2073FEL 32.802620 N Lat, 104.229851 W Lon At total depth NWSE 1661FSL 2307FEL			8. Lease Name and Well No BEECH FEDERAL 5		
14. Date Spudded 11/14/2011			15. Date T.D. Reached 11/22/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 01/06/2012			9. API Well No. 30-015-39461-00-S1		
18 Total Depth: MD 4797 TVD 4780			19. Plug Back T.D.: MD 4737 TVD 4720		
20. Depth Bridge Plug Set MD TVD			10. Field and Pool, or Exploratory RED LAKE		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPNEUTRONHNGS CCL			11. Sec., T., R., M., or Block and Survey or Area Sec 25 T17S R27E Mer NMP		
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 analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			12. County or Parish EDDY		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3577 GL		

## 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
17.500	13.375 H-40	48.0	0	377		400			
11.000	8.625 J-55	24.0	0	1040		500			
7.875	5.500 J-55	17.0	0	4785		900			

RECEIVED  
FEB 29 2012  
NMOCD ARTESIA

## 24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4479							

## 25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) YESO	3230	4525	3230 TO 3455	0.340	26	OPEN, Paddock
B)			3685 TO 3935	0.340	26	OPEN, Upper Blinebry
C)			4005 TO 4255	0.340	26	OPEN, Middle Blinebry
D)			4325 TO 4525	0.340	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
3230 TO 3455	ACIDIZED W/1961 GALS 14% HCL
3230 TO 3455	FRAC W/92,074 GALS GEL, 111,648# 16/30 WHITE SAND, 13,189# 16/30 SIBERPROP
3685 TO 3935	ACIDIZE W/2449 GALS 14% HCL
3685 TO 3935	FRAC W/114,421 GALS GEL, 146,354# 16/30 WHITE SAND, 32,770# 16/30 SIBERPROP

RECLAMATION  
DUE 7-6-12

## 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
01/12/2012	01/22/2012	24	→	137 0	114.0	537 0	41 6	0 60	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70 0	→	137	114	537	832	POW	

ACCEPTED FOR RECORD  
FEB 19 2012  
J. Amos

## 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 reverse side)

ELECTRONIC SUBMISSION #130904 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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**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	192		SANDSTONE	YATES	192
QUEEN	957		SANDSTONE & DOLOMITE	QUEEN	957
GRAYBURG	1378		SANDSTONE & DOLOMITE	GRAYBURG	1378
SAN ANDRES	1728		DOLOMITE & LIMESTONE	SAN ANDRES	1728
GLORIETA	3103		SANDSTONE	GLORIETA	3103
YESO	3141		SANDSTONE & DOLOMITE	YESO	3141
TUBB	4620		DOLOMITE & SANDSTONE	TUBB	4620

**32. Additional remarks (include plugging procedure):**
**44. Acid, Fracture, Treatment, Cement Squeeze, etc.**

4005 - 4255 Acidized w/2250 gals 14% HCL.  
 4005 - 4255 Frac w/111,810 gals gel, 145,715# 16/30 White sand,  
 31,887# 16/30 SiberProp

4325 - 4525 Acidized w/3250 gals 14% HCL.  
 4325 - 4525 Frac w/113,159 gals gel, 146,224# 16/30 White sand,

**33. Circle enclosed attachments:**

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other      |                       |

**34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):**

**Electronic Submission #130904 Verified by the BLM Well Information System.**

**For COG OPERATING LLC, sent to the Carlsbad**

**Committed to AFMSS for processing by DEBORAH MCKINNEY on 02/15/2012 (12DLM0593SE)**

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 02/14/2012

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Additional data for transaction #130904 that would not fit on the form**

**32. Additional remarks, continued**

30,037# 16/30 SiberProp

LOGS WILL BE MAILED