

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC029405A
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: KANICIA R CARRILLO E-Mail: kcarrillo@conchoresources.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4332	8. Well Name and No. BC FEDERAL 33
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T17S R32E 2310FNL 480FEL 32.82094 N Lat, 103.78109 W Lon Unit H		9. API Well No. 30-025-38714
		10. Field and Pool, or Exploratory MALJAMAR;YESO
		11. County or Parish, and State LEA COUNTY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

04/11/08 Perf @ 6690 - 6800 w/ 2 SPF, 48 holes. 04/14/08 Acidize w/5,000 gals acid. Frac w/32,000 gals gel, 40,540# 16/30 sand, 8,400# Siberprop sand. Set comp plug @ 6650. Perf @ 6420 - 6620 w/2 SPF, 36 holes. Acidize w/5,000 gals acid. Frac w/58,000 gals gel, 77,821# 16/30 sand, 15,000# Siberprop sand. Set comp plug @ 6375. Perf @ 6130 - 6330 w/ 2 SPF, 36 holes. Acidize w/5,000 gals acid. Frac w/59,000 gals gel, 77,547# 16/30 sand, 15,000# Siberprop sand. Set comp plug @ 6095. Perf @ 5960 - 6060 w/ 2 SPF, 36 holes. Acidize w/ 5,000 gals acid. Frac w/ 36,000 gals gel, 58,653# 16/30 sand, 8,400# Siberprop sand. 04/22/08 Drill out plugs. Clean out to PBTD 6950. 04/23/08 RIH w/ 178jts 2-7/8" J55 tbg, SN @ 5830'. RIH w/ 2-2/1"x2"x20" RHTC pump. Hang on well.

**RECEIVED**

MAY 21 2008

**HOBBS OCD**

14. I hereby certify that the foregoing is true and correct <b>Electronic Submission #60372 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs</b>	
Name (Printed/Typed) KANICIA R CARRILLO	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/19/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>Chris Williams</u>	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT JUN 02 2008

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other **HOBBS OCE**

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv

2. Name of Operator **COG OPERATING LLC** Contact **KANICIA CARRILLO**  
E-Mail **kcarrillo@conchoresources.com** **229137**

3. Address **550 WEST TEXAS AVE STE 1300** 3a. Phone No (include area code) **432-685-4332**  
**MIDLAND, TX 79701**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **Lot H 2310FNL 480FEL 32.82094 N Lat, 103.78109 W Lon** ✓  
At top prod interval reported below **Lot H 2310FNL 480FEL 32.82094 N Lat, 103.78109 W Lon**  
At total depth **Lot H 2310FNL 480FEL 32.82094 N Lat, 103.78109 W Lon**

5. Lease Serial No **NMLC029405A**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

8. Lease Name and Well No **BC FEDERAL 33** **302456**

9. API Well No **30-015-38714**

10. Field and Pool, or Exploratory **MALJAMAR, YESO, WEST** **44500**

11. Sec, T, R., M., or Block and Survey or Area **Sec 20 T17S R32E Mer** ✓

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **03/16/2008** 15. Date T.D. Reached **03/29/2008** 16. Date Completed **04/23/2008**  
☐ D & A ☒ Ready to Prod

17. Elevations (DF, KB, RT, GL)\* **4012 GL**

18. Total Depth. **MD 7027** 19. Plug Back T.D. **MD 6950** 20. Depth Bridge Plug Set **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**COMPENSATED NEUTRON HNGS/CCL**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

## 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13 375 H40	48.0		642		700		0	287
12.250	8.625 J55	32.0		2110		900		0	261
7.875	5 500 L80	17.0		7027		1100		0	54

## 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	5830							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO	5960	6060	5960 TO 6060	0.410	36	OPEN
B) YESO	6130	6330	6130 TO 6330	0.410	36	OPEN
C) YESO	6420	6620	6420 TO 6620	0.410	36	OPEN
D) YESO	6690	6800	6690 TO 6800	0.410	48	OPEN

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
5960 TO 6060	ACIDIZED W/5,000 GALS ACID FRAC W/36,000 GALS GEL, 58,653# 16/30 SAND, 8,400# SIBERPROP SAND
6130 TO 6330	ACIDIZED W/5,000 GALS ACID FRAC W/59,000 GALS GEL, 77,547# 16/30 SAND, 15,000# SIBERPROP SAND
6420 TO 6620	ACIDIZED W/5,000 GALS ACID FRAC W/58,000 GALS GEL, 77,821# 16/30 SAND, 15,000# SIBERPROP SAND
6690 TO 6800	ACIDIZED W/5,000 GALS ACID FRAC W/32,000 GAL GEL, 40,540# 16/30 SAND, 8,400# SIBERPROP 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
04/24/2008	04/28/2008	24	→	109.0	235.0	273.0	36.8		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	
			→					POW	

## 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	
			→						

ACCEPTED FOR RECORD

MAY 27 2008

JERRY FANT  
PETROLEUM GEOLOGIST

(See instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #60421 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

## 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 7 RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA YESO TUBB	2076 2439 3043 3422 3804 5316 5362 6874				

32 Additional remarks (include plugging procedure):  
Logs will be mailed

## 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 #60421 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 05/22/2008

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.

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*