

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM 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.

AUG 22 2008

HOBBBS OGD

5 Lease Serial No  
NMLC029405A

6 Indian, Allottee or Tribe Name

7 If Unit or C/A/Agreement Name and/or No

**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		8 Well Name and No BC FEDERAL 16
2 Name of Operator COG OPERATING LLC		9 API Well No 30-015-38724
3a Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701	3b Phone No (include area code) Ph 432-685-4332	10 Field and Pool, or Exploratory MALJAMAR, YESO West
4 Location of Well (Footage Sec., T., R., M., or Survey Description) Sec 19 T17S R32E 330FNL 1650FEL 32 82639 N Lat, 103.80207 W Lon		11 County or Parish and State LEA 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.)

06/30/08 Perf @ 6450 - 6650 w/ 2 SPF, 48 holes.  
07/07/08 Acidize w/2,500 gals acid. Frac w/116,000 gals gel, 153,349# 20/40 sand, 30,000# CRC sand.  
Set comp plug @ 6400. Perf @ 6180 - 6380 w/2 SPF, 36 holes. Acidize w/2,500 gals acid. Frac w/117,000 gals gel, 156,345# 20/40 sand, 30,000# CRC sand. Set comp plug @ 6130. Perf @ 5900 - 6100 w/ 2 SPF, 36 holes. Acidize w/2,500 gals acid. Frac w/120,000 gals gel, 162,307# 20/40 sand, 42,290# CRC sand.  
07/10/08 Drill out plugs. Clean out to PBTD 6950.  
07/11/08 RIH w/ 177jts 2-7/8" J55 tbg, SN @ 5793'. RIH w/ 2-2/1"x2"x25' RHTC pump Hang on well.

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #62294 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 08/13/2008

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

Approved By _____	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 \*\***

*Ka*



PO Box 1340  
Midland, NM 88001-1340  
505-461-1340

June 30, 2008

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

30-025-38724  
Unit B

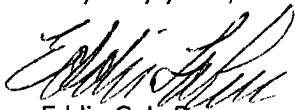
RE: BC Federal #16  
330' FNL & 1650' FEL  
Sec. 19, T17S, R32E  
Lea, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

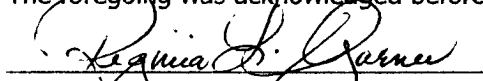
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
248.00	0.25	2892.00	1.00
533.00	0.75	3360.00	0.75
841.00	0.75	3800.00	1.00
1152.00	0.75	4288.00	1.00
1433.00	1.00	5213.00	1.50
1715.00	1.00	5692.00	0.50
1936.00	2.00	6119.00	0.50
2118.00	1.00	6556.00	0.50
2391.00	1.00		

Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 30<sup>th</sup> day of June, 2008.

  
Regina L. Garner  
Notary Public

