

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

AUG - 5 2010

NMOCD ARTESIA

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC028480A
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4332	8. Well Name and No. WESTERN FEDERAL 8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T17S R29E 2040FNL 330FEL		9. API Well No. 30-015-34815
		10. Field and Pool, or Exploratory GRAYBURG JACKSON;SR-Q-G-S
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 checked="" type="checkbox"/> Recomplete	<input 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	

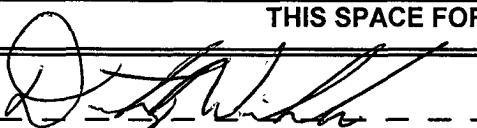
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical 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 recompleation 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.)

COG Operating LLC proposes to recompleate to the GB/SA as follows:

Western Fed #8 San Andres / GB Add Pay Procedure

1. MI. Hold safety mtg. RU.
2. POOH w/ rods and pump.
3. NU BOP.
4. Release TAC and POOH w/ tbg.
5. RIH w/ CIBP and set at +/- 3900?. Do not cap with cement. COG plans to commingle with Yeso after separately production testing the San Andres and GB.
6. RIH and perforate lower San Andres from 3540? ? 3775? w/ 1 spf, 28 holes.
7. Frac lower San Andres with 128,250 gals of gel carrying 178,400# of 16/30 sand.

SEE ATTACHED FOR  
CONDITIONS OF APPROVALSUBJECT TO LIKE  
APPROVAL BY STATE

14. I hereby certify that the foregoing is true and correct. Electronic Submission #89164 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 07/08/2010 ()	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 07/07/2010
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By 	Title
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
BUREAU OF LAND MANAGEMENT CARLSBAD FIELD 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 \*\*

**Additional data for EC transaction #89164 that would not fit on the form**

**32. Additional remarks, continued**

8. RIH w/ perf gun and composite frac plug and set plug at +/- 3000?. Perforate upper San Andres from 2586? ? 2592? w/ 1 spf, 2 holes, 2624? ? 2628? w/ 1 spf, 2 holes, 2710? ? 2880? w/ 1 spf, 22 holes.  
9. Frac middle San Andres with 128,250 gals of gel carrying 178,400# of 16/30 sand.  
10. RIH w/ bit and drill out CFP at 3000?. Clean out to CIBP at 3800?.  
11. POOH w/ bit and scraper.  
12. RIH w/ tbg and land EOT at +/- 3700?.  
13. ND BOP.  
14. RIH w/ rods and pump.  
15. HWOB  
16. RDMO.  
COG intends to test GB/SA separately from Yeso to determine its producing characteristics and evaluation. COG plans to commingle GB/SA/Yeso at a later date.

COG proposes to down hole commingle the Grayburg Jackson SR Queen Grayburg SA, (28509) with the Empire; Glorieta-Yeso, (96210).

Commingling will not reduce the value of the total remaining production.

The proposed intervals are as follows:

Grayburg Jackson SR Queen Grayburg SA 2396' - 3686'

Empire; Glorieta-Yeso 3933' - 4093'

Percentages to be determined after completion.

Ownership in all zones are the same.

COG Operating LLC  
NMLC-028480-A: Western Federal #8  
API: 30-015-34815  
Eddy County, New Mexico

RE: Plug Back/Recompletion – Conditions of Approval

There is to be no surface disturbance beyond the originally approved pad. A closed loop system is to be used. H2S monitoring and protection equipment is to be on site.

2M BOP is to be used for this well. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.

Submit subsequent report with percentages and date DHC commences and completion report once work is completed.

DHW 072110