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MAY 24 2012

**NMOC**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.**

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No. NMNM120895
2 Name of Operator COG OPERATING LLC		6 If Indian, Allottee or Tribe Name
Contact MAYTE REYES E-Mail: mreyes1@concho.com		7 If Unit or CA/Agreement, Name and/or No
3a Address 2208 WEST MAIN STREET ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6945	8 Well Name and No PATRON 23 FEDERAL 1H
4. Location of Well (Footage, Sec., T, R, M, or Survey Description) Sec 23 T25S R29E NWNW 990FNL 560FWL		9 API Well No 30-015-36776
		10 Field and Pool, or Exploratory CORRAL DRAW; BONE SPRING
		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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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.)

COG Operating LLC respectfully requests approval for the following change to the original approved ADP.

Surface Casing setting will be @ 525' as per approved APD.  
Cmt to sfc with:  
500 sx Class C + 2% CaCl<sub>2</sub> @ 14.8 ppg/1.35 yield  
50% excess on OH

Intermediate casing section:  
Drill 12-1/4" hole to 3150'  
Run 9-5/8" 36# J-55 STC csg to 3150'

*APD date 05/25/2012*  
**Accepted for record**  
**NMOC**

**Pilot hole is required to have a plug at the bottom of the hole. The BLM is to be contacted (575-361-2822) prior to tag of bottom plug, which must be a minimum of 200' in length.**

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #137622 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 05/14/2012 ()	
Name (Printed/Typed) MAYTE REYES	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/10/2012

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

Approved By	Title	<b>APPROVED</b> MAY 21 2012 /s/ Chris Walls BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
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 \*\***

**Additional data for EC transaction #137622 that would not fit on the form**

**32. Additional remarks, continued**

Cmt to surface in 1 stg with:

Lead: 700 sx Class C + 4% Gel @ 13.5 ppg/1.75 yield

Tail: 250 sx Class C + 2% CaCl<sub>2</sub> @ 14.8 ppg/1.35 yield

35% excess on OH

Production casing section:

Drill 7-7/8" pilot hole to 10,300'

Run OH logs and plug back with:

200 sx class H cmt @ 17.2 ppg/0.98 yield, 500' plug from 9600'-10,300'

275 sx class H cmt @ 17.2 ppg/0.98 yield, 700' plug from 7400'-8100'

Kick off and drill 7-7/8" curve & lateral to +/-11,787' MD (+/-8000' TVD) subject to change based on OH log evaluation

Run 5-1/2" 17# P-110 LTC csg to TD

Cmt in 1 stg with:

Lead: 800 sx 50:50:10 H + Salt + Gilsomite + CF + CFR-3 @ 11.8 ppg/2.5 yield

Tail: 900 sx 50:50:2 H + Salt + GasStop + CFR-3 @ 14.4 ppg/1.25 yield

Minimum tie back to 200' into 9-5/8" csg shoe (designed to circ cmt to sfc)

35% excess on OH.