

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.

5. Lease Serial No. NMLC029342B	RECEIVED MAR 18 2010 NMLC029342B
6. If Indian, Allottee of Abolished Name	
7. If Unit or C.A.V. Agreement, Name and 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. POLARIS B FEDERAL 1
2. Name of Operator COG OPERATING LLC		9. API Well No. 30-015-31565-00-S1
3a. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4332	10. Field and Pool, or Exploratory LOCO HILLS
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T17S R30E SENW 2310FNL 2210FWL		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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 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 recomple 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 recompletion 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.)

01/20/10 TIH w/ retainer set @ 4200 (4263 - 4585). Squeezed w/300sx C, 300sx C. Circ 8bbbls. Squeezed off at 2500#.
 01/21/10 Drill out cmt retainer, cmt & new hole. 1-16-10 TD @ 5875.
 01/27/10 Run 135jts 4? L80 11.6# @ 5860. DV tool @ 4603. Cmt w/140sx C. Circ 16bbbls.
 01/28/10 Drill out DV tool. PBTD @ 5816
 02/05/10 Test csg to 6200# for 30min, ok.
 02/08/10 Perf Lower Blinebry 5460 - 5660, 1 SPF, 26 holes.
 02/10/10 Acidize w/3500 gals acid. Frac w/118,136 gals gel, 143,648# 16/30 Ottawa sand, 36,501# 16/30 Super LC. Set CBP @ 5400. Perf Middle Blinebry 5170 - 5370, 1 SPF, 24 holes. Acidize w/3500 glas acid. Frac w/114,173 gals gel, 146,918# 16/30 Ottawa sand, 32,511# 16/30 Super LC. Set CBP @ 5070. Perf Upper Blinebry 4840 - 5040, 1SPF, 24 holes. Acidize w/2500 gals acid. Frac w/114,143 gals gel, 150,410# 16/30 Ottawa sand, 29,157# 16/30 Super LC.

14. I hereby certify that the foregoing is true and correct

**Electronic Submission #81765 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 02/24/2010 (09KMS1515SE)**

Name (Printed/Typed) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 02/22/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	ACCEPTED CHRISTOPHER WALLS Title PETROLEUM ENGINEER	Date 03/10/20
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 Carlsbad

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

D. 3-15-10

Additional data for EC transaction #81765 that would not fit on the form

32. Additional remarks, continued

02/12/10 Drill out plugs. PBTD @ 5820.

02/17/10 Ran 149 jts of 2-7/8" J55, 6.5# tbg. SN set @ 4536?. Retrievable packer @ 4535', Gas anchor @ 4514.

02/19/10 Ran 2-1/2 x 2 x 20" pump. Turn to production.