

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. NMLC029342B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-4332		8. Well Name and No. POLARIS B FEDERAL 23
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T17S R30E NWSE Lot J 2270FSL 2310FEL 32.84791 N Lat, 103.97537 W Lon		9. API Well No. 30-015-36709-00-S1
		10. Field and Pool, or Exploratory LOCO HILLS UNKNOWN
		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 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 recomplete 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.)

6/18/10 Test 5-1/2 csg 5000psi, ok.
6/21/10 Perf Lower Blinbry @ 5510 - 5710 w/1 SPF, 26 holes.
6/22/10 Acidize w/3,500 gals acid. Frac w/125,628 gals gel, 146,297# 16/30 Ottawa sand, 33,749#
16/30 Siberprop. Set comp plug @ 5470. Perf Middle Blinbry @ 5240 - 5440 w/1 SPF, 26 holes.
Acidize w/3,500 gals acid. Frac w/ 124,606 gals gel, 150,024# 16/30 Ottawa sand, 33,604# 16/30
Siberprop. Set comp plug @ 5200. Perf Upper Blinbry @ 4970 - 5170 w/ 1 SPF, 26 holes. Acidize
w/3,500 gals acid. Frac w/124,294 gals gel, 147,398# 16/30 Ottawa sand,
33,154# 16/30 Siberprop. Set comp plug @ 4760. Perf Paddock @ 4450 - 4730 w/1 SPF, 19 holes.
Acidize w/3,000 gals acid. Frac w/112,733 gals gel, 120,501 Ottawa sand, 23,801# 16/30 Siberprop.
7/1/10 Drill out plugs. Clean out to PBD 5978.
7/5/10 RIH w/167jts 2-7/8" J55 6.5# tbg, EOT @ 5449.
7/6/10 RIH w/ 2-1/2x2-1/4x24 pump. Hang on well.

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14 I hereby certify that the foregoing is true and correct	
Electronic Submission #91360 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by CHERYLE RYAN on 08/18/2010 (10CMR0569SE)	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 08/18/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED		JAMES A AMOS Title SUPERVISOR EPS	Date 09/20/2010
Approved By _____		Office Carlsbad	
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.			

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 ****Accepted for record
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OK