

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010RECEIVED
NOV 13 2009

NMOCD ARTESIA

VARIETY 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 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		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 3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T17S R30E NENW 940FNL 2310FWL		9. API Well No. 30-015-31858-00-S1
		10. Field and Pool, or Exploratory LOCO HILLS
		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"/> Subsequent Report	<input checked="" type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other

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 recomple 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.)

08/26/09 TIH w/ retainer set @ 4225. Squeezed w/200sx C, 200sx C. Squeezed off at 2500#. Circ 25sx.
08/28/09 Drill out cmt retainer from 4223 - 4411.
08/31/09 Drill out cmt from 4411 - 4793.
09/01/09 - 09/02/09 Start drilling new formation to 6013(TD).
09/03/09 Run 137jts 4? L80 11.6# @ 6007. Cmt w/120sx C. Circ 45sx.
09/04/09 Drill out DV tool @ 4672. Drill cmt out to 5960(PBTD).
09/14/09 Test csg to 6100# for 30min,ok.
09/21/09 Perf Lower Blinbry 5450 - 5650, 1 SPF, 28 holes.
09/22/09 Acidize w/4000 gals acid. Frac w/124,305 gals gel, 147,830# 16/30 white sand, 31,138#
16/30 Siberprop. Set CBP @ 5380. Perf Middle Blinbry 5150 - 5350, 1 SPF, 24 holes. Acidize w/4000
glas acid. Frac w/124,937 gals gel, 149,421# 16/30 white sand, 32,913# 16/30 Siberprop. Set CBP @
5080. Perf Upper Blinbry 4850 - 5050, 1SPF, 24 holes. Acidize w/2500 gals acid. Frac w/117,816

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

Electronic Submission #76138 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMS for processing by CHERYLE RYAN on 10/22/2009 (09KMS1571SE)

Name (Printed/Typed) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 10/22/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	CHRISTOPHER WALLS Title PETROLEUM ENGINEER	Date 11/10/2009
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 **

Additional data for EC transaction #76138 that would not fit on the form

32. Additional remarks, continued

gals gel, 138,816# 16/30 white sand, 24,389# 16/30 Siberprop.

09/28/09 Drill out plugs. PBTD @ 5950.

09/29/09 Ran 148 jts of 2-7/8? J55 tbg set @ 4642. Ran 2-1/2 x 2 x 20 pump. Hang well on.