

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. NMNM119272
2. Name of Operator CHESAPEAKE OPERATING, INC. Contact: LINDA GOOD E-Mail: linda.good@chk.com		6. If Indian, Allottee or Tribe Name
3a. Address OKLAHOMA CITY, OK 73154-0496	3b. Phone No (include area code) Ph: 405-767-4275 Fx: 405-879-7899	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T23S R29E NENE 460FNL 410FEL		8. Well Name and No IMC 21 FEDERAL COM 2H
		9. API Well No. 30-015-36109-00-X1
		10. Field and Pool, or Exploratory NE HARROUN RANCH
		11. County or Parish, and State EDDY COUNTY, NM

**MAY 19 2008****OOD ARTESIA****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	
	<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 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.)

PERF, ACID AND FRAC DELAWARE:

4/22/2008 PERFORATE DELAWARE FROM 9275' - 10,791' W/4 SPF, 28 HOLES.

4/23/2008 MIRU CUDD, ACIDIZE DELAWARE FROM 9275' - 10,791'W/5000 GAL 15% NEFE DROPPING 50 BALL SEALERS.

4/28/2008 MIRU CUDD, FRAC DELAWARE FROM 9275' - 10,791' W/103,488 GAL B FRAC 25 X-LINK GEL CONTAINING 165,000# 16/30 WHITE SAND - TAILING W/60,000# 16/30 SUPER LC - FLUSH W/10,750 GAL SLK WTR.

4/30/2008 PERFORATE DELAWARE FROM 7680' - 8981' W/4 SPF, 28 HOLES.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #60115 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 05/06/2008 (08KMS1648SE)	
Name (Printed/Typed) LINDA GOOD	Title REGULATORY COMPLIANCE SPECIALI
Signature (Electronic Submission)	Date 05/06/2008

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

<b>ACCEPTED</b>		JAMES A AMOS Title SUPERVISOR EPS	Date 05/19/20
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 - NMOCD**

**Additional data for EC transaction #60115 that would not fit on the form**

**32. Additional remarks, continued**

5/01/2008 MIRU CUDD ACIDIZE DELAWARE FROM 7680' - 8981' W/5000 GAL 15% NEFE + 50 BALL SEALERS.

5/05/2008 MIRU CUDD FRAC DELAWARE FROM 7680' - 8981' W/110,544 GAL B FRAC 25 X-LINK GEL  
CONTAINING 165,000# 16/30 WHITE SAND - TAILING W/60,000# 16/30 SUPER LC - FLUSH W/208 BBL SLK WTR,  
RIG CUDD DOWN.

(CHK PN 615497)