Form 3160-5' (August 2007)	
EC	

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0135

TA I		UREAU OF LAND MANA		UCD ARTESI			July 31, 2010	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an SEP 2 3 2009 abandoned well. Use form 3160-3 (APD) for such proposals.					3 2009	5 Lease Serial No NMNM17224		
abandoned well. Use form 3160-3 (APD) for such proposals.						6. If Indian, Allottee or Tribe Name		
	SUBMIT IN TRI	PLICATE - Other instruc	tions on reverse sid	le.	7.	7. If Unit or CA/Agreement, Name and/or No.		
I Type of Well	Gas Well  Oth	her				Well Name and No.     MultipleSee Attached		
2 Name of Operator Contact LINDA GOOD CHESAPEAKE OPERATING, INC. E-Mail: linda.good@chk com						9 API Well No. MultipleSee Attached		
3a. Address OKLAHOMA (	3b. Phone No (include Ph: 405-935-4275	area code)	code) 10 Field and Pool, or Exploratory MALAGA					
		T., R., M, or Survey Description	1)		11.	11. County or Parish, and State		
MultipleSee Attached						EDDY COUNTY, NM		
12.	CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE NATU	RE OF NO	TICE, REPO	RT, OR OTHE	R DATA	
TYPE OF SUBMISSION TYPE OF ACTION					CTION	<u>_</u>		
N. C. A. A.		☐ Acidize	☐ Deepen		▶ Production (Start/Resume)		Water Shut-Off	
Notice of Intent		Alter Casing	Fracture Trea	ıt i	Reclamation		☐ Well Integrity	
☐ Subsequent I	Report	Casing Repair	☐ New Constru	ction	Recomplete		Other	
Final Abando	onment Notice	Change Plans	Plug and Aba	andon	Temporarily	Abandon	_	
		Convert to Injection	☐ Plug Back	,	□ Water Dispo	sal		
<ol> <li>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.)</li> <li>CHESAPEAKE, RESPECTFULLY, REQUESTS PERMISSION TO CLEAN OUT WELL TO TD AND RETURN TO PRODUCTION PER THE FOLLOWING PROCEDURE.</li> <li>MIRU PU. NU BOP. UNLOAD, RACK AND TALLY 2 7/8" P-110 WORK STRING.</li> <li>RIH W/6 1/4" BIT AND DRILL COLLARS ON TBG. DRILL OUT CIBP @ 4875' AND CLEANOUT TO 5,000'. POH W/BIT.</li> <li>RIH W/PACKER TO 4,800'. SET PACKER AND ESTABLISH INJECTION RATE INTO PERFS 4,921-35'. SQUEEZE OFF PERFS. POH W/PACKER.</li> <li>RIH W/6 1/4" BIT AND DRILL COLLARS ON TBG. DRILL OUT SQUEEZE AND PRESSURE TEST. CONTINUE</li> </ol>								
14. Thereby certify	that the foregoing is							
Electronic Submission #72474 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Carlsbad								
Committed to AFMSS for processing by KURT SIMMO Name (Printed/Typed) LINDA GOOD Title 5					•	<b>IS1861SE)</b> MPLIANCE SF	PEC	
Signature	(Electronic	Submission)	Date	07/27/200			)	
		THE COLOR D	<u> </u>		TOP HOE			

THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By DUNCAN WHITLOCK TitleLEAD PETROLEUM ENGINEERING TECH Date 09/17/2004 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 of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Office Carlsbad

## Additional data for EC transaction #72474 that would not fit on the form

## Wells/Facilities, continued

Agreement	Lease	Weil/Fac Name, Number	API Number	Location
NMNM17224	NMNM17224	QUEEN LAKE 19 FEDERAL 1	30-015-24292-00-S1	Sec 19 T24S R29E SWNE 1950FNL 1980FEL
NMNM17224	NMNM17224	QUEEN LAKE 19 FEDERAL 1	30-015-24292-00-S2	Sec 19 T24S R29E SWNE 1950FNL 1980FEL
NMNM17224	NMNM17224	QUEEN LAKE 19 FEDERAL 1	30-015-24292-00-S3	Sec 19 T24S R29E SWNE 1950FNL 1980FEL

## 32. Additional remarks, continued

DRILLING OUT CIBP @ 6,350' AND CLEANOUT TO 6,470'. POH W/BIT.

- 5. RIH W/PACKER TO 6,250'. SET PACKER AND ESTABLISH INJECTION RATE INTO CASING LEAK 6,356-89'. SQUEEZE OFF CASING LEAK. POH W/PACKER.
- 6. RIH W/6 1/4" BIT AND DRILL COLLARS ON TBG. DRILL OUT SQUEEZE AND PRESSURE TEST. CONTINUE DRILLING OUT CIBP @ 6,470' AND CLEANOUT TO 8,000'. POH W/BIT.
- 7. RIH W/PACKER TO 6,400'. SET PACKER AND ESTABLISH INJECTION RATE INTO PERFS 6,503-7,636'. SQUEEZE OFF PERFS. POH W/PACKER.
- 8. RIH W/6 1/4" BIT AND DRILL COLLARS ON TBG. DRILL OUT SQUEEZE AND PRESSURE TEST. CONTINUE DRILLING OUT CIBP @ 8,000' AND CLEANOUT TO 9,000'. POH W/BIT.
- 9. RIH W/PACKER TO 8,750'. SET PACKER AND ESTABLISH INJECTION RATE INTO PERFS 8,856-8,910'. SQUEEZE OFF PERFS. POH W/PACKER.
- 10. RIH W/6 1/4" BIT AND DRILL COLLARS ON TBG. DRILL OUT SQUEEZE AND PRESSURE TEST. CONTINUE DRILLING OUT CIBP @ 9,750' AND CLEANOUT TO TOP OF LINER @ 10,987'. POH W/BIT LAYING DOWN 2 7/8" TBG
- 11. RIH W/3 3/4" BIT AND DRILL COLLARS ON 2 3/8" TBG. DRILL OUT CIBP AT 12,040' INSIDE LINER. CONTINUE DRILLING OUT TO 13,400'. POH W/BIT.
- 12. RIH W/2 3/8" TUBING W/SN. SET EOT @ 12,150'. SWAB WELL IN.
- 13. ND BOP. NU WH. RIG DOWN. RETURN WELL TO PRODUCTION.

(CHK PN 891238)

AFTER RECOMPLETION AND TESTING
PLEASE SUBMIT 3160-4 COMPLETION
REPORT FOR THE Production
INTERVAL(S) WITHIN 30 DAYS

Also submit subsequent deport with well bore Diagram No Additional Sustace Disturbance is Approved

Use close Loop system for clean out