

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 05 2009

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.

OCD-ARTESIA  
Lease Serial No.  
NMNM111533

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. DIAMOND 31 FEDERAL 2H
2 Name of Operator CHESAPEAKE OPERATING, INC. Contact LINDA GOOD E-Mail linda.good@chk.com		9. API Well No 30-015-36022-00-S1
3a Address OKLAHOMA CITY, OK 73154-0496	3b Phone No (include area code) Ph: 405-767-4275	10. Field and Pool, or Exploratory WILLOW LAKE
4 Location of Well (Footage, Sec., T, R, M, or Survey Description) Sec 31 T24S R29E NWSE 1722FSL 1542FEL		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 checked="" 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 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.)

WELL HAS BEEN CLEANED OUT AND RETURNED TO PRODUCTION 12/17/2008.

12/10/2008 MIRU SELECT RIG #2 AND ALL SURFACE RENTAL EQUIPMENT UNHANG WELL TOO H W/18- 7/8 RODS ( BODY BREAK) TIH FISH RODS UNSEAT PUMP TOO H W/RODS AND PUMP SISD.

12/11/2008 SIP= 0 PSI ND WELL HEAD NU BOP RELEASE TAC TOO H TALLYING TBG RECEIVE RACK AND TALLY 96 JTS 2-7/8 WORK STRING TIH W/4-5/8 BIT, 3-1/2 BIT SUB AND TBG TAG PBTD @ 6946' TOO H W/TBG TO 4400' SISD.

12/12/2008 SIP= 0 PSI MIRU FOAM AIR UNIT BREAK CIRC @ 4400' TIH TO 6260' CIRC HOLE 1 HR CONTINUE TIH W/TBG TO 6946' PBTD RU SWIVEL CIRC HOLE CLEAN 2 HRS RECOVERED 85 BBLS WTR (NO SAND) KILL TBG TOO H LAYING DOWN WORK STRING TO 4600' SISD

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #65658 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 12/17/2008 (09KMS0518SE)	
Name (Printed/Typed) LINDA GOOD	Title SR. REGULATORY COMPLIANCE SPEC
Signature (Electronic Submission)	Date 12/17/2008

THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE	
Gerry Cuye, Deputy Field Inspector	
Approved By	Date 12/21/2008
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 #65658 that would not fit on the form**

**32. Additional remarks, continued**

12/15/2008 SICP= 0 PSI CONTINUE TOO H W/TBG AND BHA MIRU HYDRO TESTER TIH W/PROD BHA HYDRO TESTING  
TBG RD TESTERS LAND SN @ 4587' ND BOP NU WELL HEAD TIH W/2-1/2 X 2 X 24' RHBC PUMP AND RODS SISD.  
144 JTS 2-7/8 TBG  
5-1/2 TAC @ 4555'  
1 JT 2-7/8 BLAST JT  
2- 7/8 MECH SN @ 5487'  
2-7/8 X 2' SUB  
2-7/8 CAVINS TOOL  
3-1/2 MUD JT W/ BP @ 4648'  
Tubing - Production (corrected for KB):  
Tubing: 2 7/8 in. 6.50# L-80 noThrd 144 Joints 4555' set @ 4573'  
Anchor/catcher: 5 1/2 in. noThrd 1 Joints 3' set @ 4576'  
Blast Joint: 2 7/8 in. noThrd 1 Joints 32' set @ 4608'  
Seat Nipple: Mechanical: 2 7/8 in. noThrd 1 Joints 1' set @ 4609'  
Tubing Sub: 2 7/8 in. noThrd 1 Joints 2' set @ 4611'  
Slotted Joint: 2 7/8 in. noThrd 1 Joints 20' set @ 4631'  
Mud Anchor: 3 1/2 in. noThrd 1 Joints 40' set @ 4671'  
Bull Plug: 2 7/8 in. noThrd 1 Joints 1' set @ 4672'  
EOT @ 4672'

12/16/2008 SIP+ 0 PSI CONTINUE TIH W/RODS SPACE OUT LOAD TBG TEST 500 PSI  
(OK) LONG STROKE PUMP W/GOOD ACTION HANG WELL ON TURN WELL OVER TO PRODUCTION RELEASE ALL RENTAL  
EQUIPMENT CLEAN LOC. RDMO FINAL REPORT.  
SENT 90 JTS TO EL FARMER HOBBS VIA DOUBLE R PIPE  
LEFT 6 JTS IN WELL  
P/R 1-1/2 X 26'  
7/8 X 8' SUB  
81- 7/8 D RODS  
90- 3/4 D RODS  
10- 1 1/2 K BARS  
2-1/2 X 2" X 24' RHBM PUMP

(CHK PN 616912)