

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 17 2009

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

RM

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. NMNM102033
2. Name of Operator CHESAPEAKE OPERATING, INC. Contact: DAVID BAKER E-Mail: david.baker@chk.com		6. If Indian, Allottee or Tribe Name
3a. Address OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) Ph: 405-879-8313	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T25S R30E SWSE 350FSL 2290FEL		8. Well Name and No. PLU ROSS RANCH 31 FEDERAL 1H
		9. API Well No. 30-015-36775-00-X1
		10. Field and Pool, or Exploratory POKER LAKE WILDCAT
		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 Workover Operatic
	<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 AND FRAC STAGES #1-5 (AVALON SHALE):

2/21/2009 PERFORATE STAGE #1 AVALON SHALE 11,706' - 12,052' W/5 SPF (50 HOLES).

2/22/2009 SPEAR HEAD 5,000 GALS 15% NEFE ACID FRAC STAGE #1 W/315,500 GALS SLICK WATER AND 42,506 GALS 20# GEL CONTAINING 150,329# 100 MESH SAND AND 197,720# 40/70 OTTAWA SAND, TAILING W/48,000# 30/50 SB EXCEL. SET FRAC BAFFEL PLUG W/BALL @ 11,675'. PERF STAGE #2 11,276' - 11,622' W/5 SPF (50 HOLES). SPEAR HEAD 5,000 GALS 15% NEFE ACID FRAC STAGE #2 W/320,233 GALS SLICK WATER & 31,058 GALS 20# GEL CONTAINING 144,136# 100 MESH SAND & 205,180# 40/70 OTTAWA SAND. TAILING W/50,000# 30/50 SB EXCEL.

2/24/2009 SET FRAC BAFFEL PLUG W/BALL @ 11,225'. PERFORATE STAGE #3 AVALON SHALE 10,846' -

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #67978 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 03/12/2009 (09KMS1003SE)	
Name (Printed/Typed) DAVID BAKER	Title REGULATORY COMPLIANCE TECH
Signature (Electronic Submission)	Date 03/12/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 03/14/2009
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	2009

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 #67978 that would not fit on the form

32. Additional remarks, continued

11,192' W/5 SPF (50 HOLES). SPEAR HEAD 5,000 GALS NEFE ACID FRAC STAGE #3 W/120,036 GALS SLICK WATER CONTAINING 14,198# 100 MESH SAND. LOST DISCHARGE PRESSURE ON BLENDER COULD NOT MAINTAIN RATE FLUSH SAND SWI WORK ON BLENDER ATTEMPT TO REFRAC STAGE #3, PUMP 21,210# SLICK WATER PAD COULD NOT MAINTAIN DISCHARGE PRESSURE OR RATE SISD TO CHANGE OUT BLENDER.

2/25/2009 CHANGE OUT BLENDER. SPEAR HEAD 5,000 GALS NEFE ACID FRAC STAGE #3 W/299,205 GALS SLICK WATER AND 25,322 GALS 20# GEL CONTAINING 140,956# 100 MESH SAND AND 154,485# OTTAWA SAND, TAILING W/50,000# 30/50 SB EXCEL. SET FRAC BAFFEL PLUG W/BALL @ 10,800'. PERFORATE STAGE #4 AVALON SHALE 10,416' - 10,762' W/5 SPF (50 HOLES). SPEAR HEAD 5,000 GALS NEFE ACID FRAC STAGE #4 W/294,840 BBLS SLICK WATER, 25,410 GALS 20# GEL CONTAINING 140,222# 100 MESH SAND AND 149,765# 40/70 OTTAWA SAND, TAILING W/50,000# 30/50 SB EXCEL.

2/27/2009 SET FRAC BAFFEL PLUG W/BALL @ 10,375'. PERFORATE STAGE #5 AVALON SHALE 9,986' - 10,332' (50 HOLES). SPEAR HEAD 5,000 GALS NEFE ACID FRAC STAGE #5 W/327,144 GALS SLICK WATER AND 10,810 GALS GEL CONTAINING 115,857# 100 MESH SAND AND 145,400# 40/70 OTTAWA SAND, TAILING W/ 45,108# 30/50 SB EXCEL. SET PLUG @ 9,950'. PERFORATE STAGE #6 AVALON SHALE 9,556' - 9,902' (50 HOLES).

3/08/2009 SPEAR HEAD 5,000 GALS NEFE ACID FRAC STAGE #6 W/341,953 GALS SLICK WATER AND 48,875 GALS 25# GEL CONTAINING 149,338# 100 MESH SAND AND 182,349# 40/70 OTTAWA SAND, TAILING W/23,925# 40/70 TLC SANTROL. SET FRAC BAFFEL PLUG W/BALL AT 9,950'. PERFORATE STAGE #7 AVALON SHALE 9,126' - 9,472' (50 HOLES). SPEAR HEAD 5,000 GALS NEFE ACID FRAC STAGE #7 W/315,030 GALS SLICK WATER AND 44,604 GALS 25# GEL CONTAINING 144,257# 100 MESH SAND AND 153,842# 40/70 OTTAWA SAND, TAILING W/45,979# 40/70 TLC. SET FRAC BAFFEL PLUG W/BALL @ 9,100'. PERFORATE STAGE #8 AVALON SHALE 8,696' - 9,042' (50 HOLES). SPEAR HEAD 5,000 GALS NEFE ACID FRAC STAGE #8 W/314,870 GALS SLICK WATER AND 50,496 GALS 25# GEL CONTAINING 148,669# 100 MESH SAND AND 145,349# 40/70 OTTAWA SAND, TAILING W/56,538# 40/70 TLC. SET FRAC BAFFEL PLUG W/BALL @ 8,650'. PERFORATE STAGE #9 AVALON SHALE 8,266' - 8,612' (50 HOLES).

3/09/2009 SPEAR HEAD 5,000 GALS NEFE ACID FRAC STAGE #9 W/314,240 GALS SLICK WATER AND 47,671 GALS 25# GEL CONTAINING 151,293# 100 MESH SAND AND 138,863# 40/70 OTTAWA, TAILING W/62,864# 40/70 TLC. SET FRAC BAFFEL PLUG W/BALL @ 8,225'. PERFORATE STAGE #10 AVALON SHALE 7,836' - 8,096' (50 HOLES). SPEAR HEAD 5,000 GALS NEFE ACID FRAC STAGE #10 W/315,488 GALS SLICK WATER AND 21,076 GALS 25# GEL CONTAINING 144,340# 100 MESH SAND AND 110,532# 40/70 OTTAWA, TAILING W/10,642# 40/70 TLC. TIH W/5 1/2" CBP SET @ 6990'.