

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.**5. Lease Serial No.  
NMNM29234

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No.  
LITTLEFIELD FED 1

2. Name of Operator

CHESAPEAKE OPERATING INC

Contact: LINDA GOOD

E-Mail: linda.good@chk.com

9. API Well No.

30-015-10259-00-S1

3a. Address

OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)  
Ph: 405-935-427510. Field and Pool, or Exploratory  
DELAWARE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 11 T24S R31E NWNE 660FNL 1980FEL

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

- ☐
- Notice of Intent
- 
- ☒
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

- ☐
- Acidize
- 
- ☐
- Alter Casing
- 
- ☒
- Casing Repair
- 
- ☐
- Change Plans
- 
- ☐
- Convert to Injection

- ☐
- Deepen
- 
- ☐
- Fracture Treat
- 
- ☐
- New Construction
- 
- ☐
- Plug and Abandon
- 
- ☐
- Plug Back

- ☐
- Production (Start/Resume)
- 
- ☐
- Reclamation
- 
- ☐
- Recomplete
- 
- ☐
- Temporarily Abandon
- 
- ☐
- Water Disposal

- ☐
- Water Shut-Off
- 
- ☐
- Well Integrity
- 
- ☐
- 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 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.)

**SQUEEZE AND REPAIR CASING LEAK:**

11/09/2010 MIRU, HAVE SAFTEY MEET. NU BOP, LAY DOWN 143-2 3/8 PLASTIC COATED TBG, CLOSE WELL IN.

11/10/2010 HAVE SAFTEY MEET. PICK UP NEW PKR, PICK UP 143 JNTS OF 2 3/8 PLASTIC COATED TBG, SET PKR @ 4491', TEST CSG TO 500 PSI WOULD BLEED OFF TO 250# IN 1 MIN. TRY AGAIN WOULD NOT HOLD IN 2 MIN BLEED DOWN TO 0, OPEN CSG VALVE HAD A LITTLE WT. FLOW CLOSE WELL IN SDON.

11/11/2010 HAVE SAFTEY MEET. TOOH WITH TBG, PICK UP PKR AND PLUG PICK UP 145 JNTS OF 2 3/8 WORKSTRING, SET PLUG AT 4565 TEST HELD OK. MOVE PKR UP 1800' TEST BACK SIDE STILL LEAKING OFF MOVE UP TO 1800' FROM SURFACE, BACK SIDE STILL LEAKING. CLOSE WELL IN SDON.

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

**Electronic Submission #98538 verified by the BLM Well Information System  
For CHESAPEAKE OPERATING INC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 12/08/2010 (11KMS0359SE)**

Name (Printed/Typed) LINDA GOOD

Title SR. REGULATORY COMPLIANCE SPEC

Signature (Electronic Submission)

Date 12/03/2010

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

Approved By

**ACCEPTED**JAMES A AMOS  
Title SUPERVISOR EPS

Date 12/18/20

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

2010

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 #98538 that would not fit on the form**

**32. Additional remarks, continued**

11/15/2010 HAVE SAFETY MEET. PULL PKR UP TO 1100', FOUND HOLE BETWEEN 1083' AND 888', GET INJECTION RATE AT 1.2 BBLS MIN AT 750 PSI. RELEASE PKR PULL OUT OF HOLE, TIH WITH TBG LATCH ON PLUG AT 4565', RELEASE PLUG, TOO H LAYING DOWN 144 JNTS OF TBG, GOT OUT OF HOLE DID NOT HAVE PLUG ON BOTTOM OF TBG. TIH WITH 143 JNTS OF 2 3/8 PLASTIC COATED TBG WITH ON & OFF TOOL, LATCH ON PLUG, TOO H WITH PLUG, LAY PLUG DOWN, TIH WITH 143 JNTS OPEN ENDED, SET IN SLIPS, PUT TIW VALVE IN TBG. CLOSE BOP, LEAVE WELL RUNNING OVER IN FRAC TANK, RIG DOWN MOVE OFF TURN OVER TO WORKOVER.

11/18/2010 MIRU WELL SER UNIT & SURFACE EQUIP. DO EMERGENCY RESPONSE SHEET & RIG INSPECTION. TOO H W/ 143 JTS OF 2 3/8" PC TBG. PU 3.75" HALLIBURTON BV RBP AND TIH PICKING UP 2 3/8" WORK STRING. SET @ 4400'. TOO H. PICK UP A 3.75" HALLIBURTON BV TENSION PKR AND TIH TO 1227'. TEST CSG & PLUG BELOW THE PKR TO 500 PSI W/NO LEAK OFF. ESTABLISH INJECTION RATE BETWEEN 841 AND 1164" @ 1 1/2 BPM @ 600 PSI. TOO H W/PKR. SWI, SD

11/21/2010 RELEASE PKR & TOO H. PU RETRIEVING TOOL AND TIH AND LATCH ON RBP. RELEASE AND TOO H. PU 3.75 HALLIBURTON CBP AND TIH TO 1620. WOULD NOT SET. TIH TO 2064' AND CBP WOULD NOT SET. PU 3.75 BV RBP TIH AND SET @ 2064'. TOO H. PU 3.75 BV PKR & TIH TO 2050' AND SET. TEST RBP @ 500 PSI. NO LEAK OFF. TOO H W/PKR. TIH W/OPEN ENDED TBG TO 2025' AND SPOT 3 SXS OF SAND ON PLUG. PU TO 1158'. MIRU CMT SER. AND SPOT 75 SXS (17.5 BLS) OF CLASS "C" NEAT CMT @ 14.8 PPG W/ A 1.32 YEILD FROM 1158' TO 100'. PUMP CMT @ 1/2 BPM @ 670 PSI. DISPLACE 12 BBLS OF CMT INTO SQUEEZE HOLES. ISIP: 670 PSI.

11/22/2010 SICP: 0. PU 3 3/4" BAKER ALTA BIT, 6- 3 1/8" DRILL COLLARS AND TIH W/ 2 3/8" TBG. TAG @ 845'. DRILL OUT HARD CMT. FELL OUT @ 1160'. CIRCU CLEAN. TEST SQUEEZE TO 500 PSI. LOST 100 PSI IN 6 MINS. PU TO 800'. SWI. SD.

11/23/2010 PRESSURE UP ON CSG TO 500 PSI. LOST 100 PSI IN 4 MINS. TOO H W/ TBG & BHA. MIRU CMT SER AND SPOT 75 SXS (17.9) BBLS OF CLASS "C" NEAT @ 14.8 PPG W/ A 1.32 YEILD @ 1158'. TOC @ 200'. STAGE 1/4 BBL EVERY 15 MINS. TOTAL DISPLACEMENT 2 BBLS. PRESSURE BUILD UP FROM 300 PSI TO 600 PSI. HELD 600 PSI FOR 45 MINS W/NO LEAK OFF. BWD. SWI SD

11/24/2010 WOC.

11/29/2010 SICP 0. TIH W/ 3 3/4" BIT, 6- 3 1/8" DRILL COLLARS AND TBG. TAG @ 173'. DRILL HARD CMT DOWN TO 564'. TEST CSG EVERY 30'. NO LEAK OFF. CIRCU CLEAN. SWI. SD

11/30/2010 SICP: 0. TAG @ 564'. CONT DRILLING OUT HARD CMT TO 787'. TESTING TO 500 PSI EVERY 30' W/ NO LEAK OFF. CIRCU CLEAN. SWI. SD

12/01/2010 SICP: 0. TAG @ 787'. DRILL OUT HARD CMT TO 1014'. TESTING TO 500 PSI EVERY 30'. NO LEAK OFF. SWI. SD

12/02/2010 SICP: 0. TAG @ 1014'. DRILL OUT CMT & FELL OUT 1158'. CIRCU CLEAN. TEST TO 500 PSI FOR 30 MINS. NO LEAK OFF. TOO H & LAY DOWN BHA. PICK UP ON/OFF TOOL AND TIH. LATCH ON AND RELEASE RBP & TOO H LAYING DOWN 2 3/8" WORK STRING. SWI. SD

(CHK PN 890467)