

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.  
NMNM95630

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 ☐ Other8. Well Name and No.  
CROW FLATS 14 FEDERAL 4H2. Name of Operator  
CHESAPEAKE OPERATING INCContact: ERIN CARSON  
E-Mail: erin.carson@chk.com9. API Well No.  
30-015-38466-00-X1

3a. Address

OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)  
Ph: 405-935-289610. Field and Pool, or Exploratory  
UNKNOWN

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

Sec 14 T16S R28E NESE 1980FSL 200FWL

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 checked="" 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.)

CONFIDENTIAL

PERF AND FRAC:

Clean Fluid= Total H2O Load at start of job- 38,991 bbls

Acid ?31,288 gal

Proppant- 1,741,560 lbs

7,016-10,953

5/31/2012

SICP:0HOLD PJSARIG UP TRICAN FRAC SER. PUMPED 60 BBLS OF 15% HCL AND 350 BBLS OF 30# CROSS LINKED GEL. . NOTE: CHECK VALVES ON CHEMICAL LINES NOT WORKING PROPERLY. DENSOMETER WAS GIVING FALSE

RECEIVED

JUL 31 2012

NMOCD ARTESIA

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

Electronic Submission #143297 verified by the BLM Well Information System

For CHESAPEAKE OPERATING INC, sent to the Carlsbad

Committed to AFMSS for processing by BEVERLY WEATHERFORD on 07/19/2012 (12BMW0341SE)

Name (Printed/Typed) ERIN CARSON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 07/18/2012

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JAMES A AMOS  
Title SUPERVISOR EPS

Date 07/22/2012

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 #143297 that would not fit on the form**

**32. Additional remarks, continued**

READINGS ON BLENDER SIDE AND ON INLINE SIDE. SHUT DOWN FRACING STAGE 1 AND MAKE REPAIRS.

6/1/2012

SICP: 975 PSI. HOLD PJSAFRAC'D WOLFCAMP FORMATION IN STAGE 1 AND 2 WITH TRICAN FRAC SER AS PER FRAC SCHEDULE. STAGE #1 FRAC PORT AT 10953.69' STAGE #2 FRAC PORT AT 10602.81' NOTE: PRESSURE INCREASED TO 7215 PSI CUT 1# 30/50 SAND AND DROPPED BALL FOR STAGE #2 STAGE #2: DENSOMETER FAILURE ON 3 LB 30/50 SAND IN TREATMENT STAGE #10. CONTINUE FRACING AND COMPLETED FRAC STAGE.. TLTR: 7882 BBLS

6/2/2012

SICP: 3416 PSI HOLD PJSAFRAC'D WOLFCAMP FORMATION STAGES 3,4,5, & 6 W/ TRICAN FRAC SER AS PER FRAC SCHEDULE. STAGE 3 FRAC PORT @ 10,222' STAGE 4 FRAC PORT @ 9,839' STAGE 5 FRAC PORT @ 9,461' STAGE 6 FRAC PORT @ 9,123' NOTE: WAITED ON FUEL TRUCK 6 HRS. TLTR: 12,331 BBLS

6/3/2012

SICP: 2,886 PSI HOLD PJSAFRAC'D WOLFCAMP FORMATION IN STAGES 7,8,9,10,11, AND 12 W/ TRICAN FRAC SER AS PER FRAC SCHEDULE. STAGE 7 FRAC PORT AT 8,788' STAGE 8 FRAC PORT AT 8,407' STAGE 9 FRAC PORT AT 8,071' STAGE 10 FRAC PORT AT 7,736' STAGE 11 FRAC PORT AT 7,354' STAGE 12 FRAC PORT AT 7,016' TLTR: 18,778 BBL

6/11/2012

115 SICP. HELD PJSA, MIRU WARRIOR COIL TBG. UNIT, FLUID PUMP AND N2 PUMP. PICK UP AND MAKE UP 2" COIL TBG. CONNECTOR AND PULL TEST. PICK UP AND MAKE UP 2.88" DUAL BACK PRESSURE VALVE, 2.88" LOGAN JARS, 2.88" CIRCULATING SUB, 2.88" HYD. DISCONNECT, 2.88" NATIONAL AGITATOR, 2.88" NATIONAL MOTOR AND 4 3/8" BLADED MILL. NU AND TEST LUBRICATOR AND TIH W/ 2" COIL. TAG AND DRILL BALLS AND SEATS @ 7,016', 7,354', 7,736', 8,071', 8,407', 8,788', 9,123', 9,461', 9,839', 10,222', 10,603' AND P-SLEEVE @ 11,056' WHILE PUMPING SWEEPS, N2 AND MAKING SHORT TRIPS. AT REPORT TIME TOOH W/ COIL. REC. LAST 24 HRS. -693 BBLS. TLTR-38,991 BBLS. TLR-693 BBLS. LTR-38,298 BBLS.

6/14/2012

0 SICP. HELD PJSA, ND 7 1/16" X 10K FRAC VALVE. NU 7 1/16" X 10K X 5K SPOOL AND 7 1/16" X 5K BOP W/ ANNULAR PREVENTER, TORQUED AND TESTED TO 250 PSI. ON LOW SIDE AND 5000 PSI. ON HIGH SIDE. TURN OVER TO PRODUCTION.

6/15/2012

NORM CHECKED WELLHEAD (6UR/HR). HELD PJSA - MIRU TYLER WELL SERVICE RIG #106 - CONDUCTED RIG INSPECTION RECEIVED 204 JTS 2-7/8 L-80 PROD TBG VIA EL FARMER - SICP 25 PSI - BLED OFF PRESSURE TO FRAC TANK - N/D HYDRIL & BOP AND RENTALOK X 5K SPOOL - INSTALLED HES EQUIPMENT (10K X 3K SPOOL - 3K SPOOL X 8-5/8 LARKIN STYLE WELLHEAD W/ 8-5/8 X 3K SCREW FLANGE) RE-N/U BOP & HYDRIL - R/U CABLE SPOOLERS & BANDER - P/U & RIH W/ ESP PUMP/MOTOR & PRODUCTION - CABLE GROUNDED OUT @ 3,625' TBOH TO 3,253' - REPAIRED CABLE - RBIH - CHECKED CABLE AT SURFACE - CABLE GROUNDED OUT DOWNHOLE - SECURED WELL. SDFWE.