

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004**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

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Chesapeake Operating, Inc.

3a. Address P. O. Box 18496

Oklahoma City, OK 73154-0496

3b. Phone No. (include area code)

(405) 848-8000

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

SE NE Sec 4-20S-33E

2310' FNL & 660' FEL

5. Lease Serial No.

NMNM 77074

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Smith Federal 4-1

9. API Well No.

30-025-36411

10. Field and Pool, or Exploratory Area

Teas; Yates-Seven River, West

11. County or Parish, State

Lea Co., 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 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 <u>Perforations</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Tubing</u>
	<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 recomple 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.)

12/03/03 RU WL, perf Lower Yates in 3 runs 3198-3248', 50 holes, .42" hole, 23 gram chg, 120° phasing, RU BJ Services, load csg w/9 bbls treated 2% KCL, pump 6 bbls 2% @2.5 BPM, pressure broke @ 741# back to 685#, pump 1500 gal 15% NE-Fe acid, launch 60 balls, ball out w/58 balls on formation, 3 bbls flush left, surge balls, finish flush, avg rate 10 BPM, avg 900%, ISIP 770#, 5 min 206#, 10 min 200#, 15 min 194#, RU WL, RIH w/JB to clear balls

12/04/03 Frac Lower Yates, pump 21420 gal Viking 125# pad, 9# to load, Lower Yates down csg w/33,978 gal Sand laden gel containing 105,760# 20/40 brown sand, ramping from 1# to 6#, flush w/76 bbls slick 2% KCL, avg PSI 1539#, min PSI 11-9#, max PSI 1846#, avg rate 30.75 BPM, ISIP 1514#, 5 min 1514#, 10 min 1509#, 15 min 1505#

12/05/03 Swab back 7 hours total 76 BW, RIH w/mud jt, 4' perforated sub, SN & 99 jts 2-7/8" tbg, SN @3211', swab 7 hrs

12/08/03 RIH w/pump & rods

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

Name (Printed/Typed)

Barbara J. Bale

Title Regulatory Analyst

Signature

Barbara J. Bale

Date 01/27/04

ACCEPTED FOR RECORD		THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved by (ORIG. SGD.) DAVID H. GLASS		Title	Date
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	

Title 18 U.S.C. Section 1001 and Title 18 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.

Instructions on reverse)