

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. DIV-Dist. 2

1301 W. Grand Avenue

Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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 11050 Midland TX 79702-8050

3b. Phone No. (include area code)
(432)687-2992

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FN & EL of Section 10, T24S, R31E

5. Lease Serial No.
NMNM29234

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Lotos 10 Federal 3

9. API Well No.
30-015-29798

10. Field and Pool, or Exploratory Area
Ingle Wells; Delaware

11. County or Parish, State
Eddy
New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 checked="" 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 recompleate horizontally, give subsurface locations 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 recompleation 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.)

Chesapeake, respectfully, request permission to recompleate this well per the attached workover procedure:

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

Name (Printed/Typed)

Brenda Coffman

Title

Regulatory Analyst

Signature

Brenda Coffman

Date

10/19/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

DAVID E. GLASS

PETROLEUM ENGINEER

Date

NOV 15 2005

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, makes 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.

**Lotos 10 Federal #3
Workover Procedure
Eddy County, New Mexico**

GENERAL INFORMATION

Location: 660' FNL & 660' FEL, Sec 10 – T24S – R31E

API No.: 30-015-29798

WELL INFORMATION

<u>String OD</u>	<u>Weight & Grade</u>	<u>Depth</u>	<u>ID</u>	<u>Drift</u>	<u>Burst</u>	<u>TOC</u>
11-3/4"	42# H40	0' – 685'	11.084"	10.928"	1980	0'
8-5/8"	24# K55	0' - 4237'	8.097"	7.972"	2950	0'
5 -1/2"	15.5# K55	0' - 8442'	4.950"	4.825"	4810	0'

Cherry Canyon perms: 6315 – 22'

Brushy Canyon perms: 8175 – 202'

Proposed Brushy Canyon perms: 6692 – 98', 7320 – 26'

TD/PBTD: 8450'/ 8375'

PROCEDURE:

1. MIRU Service Rig and requisite equipment. POOH w/ pump and rods. ND wellhead and NU BOP. POOH w/ 6.5# N80 tubing.
2. Perforate the Brushy Canyon via 4-1/2" casing gun from 7320 – 26' and 6692– 98' w/ 4 SPF (50 holes), 90 degree phasing, 23 gram charge, .34" hole. Correlate to OH Neutron/Density log dated 2-04-98.
3. RIH w/ 5-1/2" plug and packer. Run a SN above the packer. Test tubing in the hole. Set RBP at 7400'. Test tools to 5000#. Pull and swing packer at 7326'. Spot 200 gal of 15% NEFE Acid. Pull packer to 7280', reverse excess acid into tubing. Set packer. Break down zone with lease brine and an additional 800 gal of same acid. Treat at rates approaching 5 to 6 BPM. Displace to perms. Max pressure 5000#.
4. Move RBP to 6800'. Pressure test to 5000#. Pull and swing packer at 6698'. Spot 200 gal of 15% NEFE Acid. Pull packer to 6640', reverse excess acid into tubing. Set packer. Break down zone with lease brine and an additional 800 gal of same acid. Treat at rates approaching 5 to 6 BPM. Displace to perms. Max pressure 5000#.
5. Prep to frac. Move RBP to 7400'. Pressure test to 5000#. Pull and set packer at 6640'. Establish rate w/ 5000 gal lease water pad containing additives per frac schedule. Frac zone with 35,000 gal of lease water containing additives per frac schedule and 10,000# 18/40 Lite Prop followed by resin coat on last 2000#. Ramp from .1 ppg to 1.5 ppg at tail-in. Obtain rates approaching 18 BPM, max pr 5000#. Displace to perms w/ lease water. Anticipated treating pressure ~4000#. RDMO Frac Service Company.
6. Release packer. RIH in hole to RBP. Circulate out any sand as required with lease water. Pull RBP.
7. RIH w/ MA, PS, SN, TAC and 2-7/8" tubing. Space out and land SN ~8236'.
8. Swab well in to clean up. RIH w/ pump and rods. PWOP.