

New Mexico Oil Conservation Division, District I

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1625 N. French Drive
Hobbs, NM 88240

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' FSL & 1980' FEL, Sec. 14, T20S, R35E

5. Lease Serial No.
NM-16835

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Neuhaus 14 Federal #3

9. API Well No.
30-025-35153

10. Field and Pool, or Exploratory Area
Undesignated; Seven Rivers

11. County or Parish, State
Lea
New Mexico

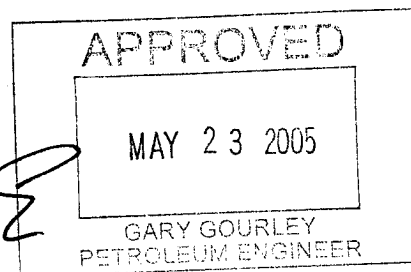
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 type="checkbox"/> Recomplete	<input checked="" 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 checked="" 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, requests permission to plug back to the Seven Rivers and test the well per the attached Re-completion Procedure. If the Seven rivers is not productive, we will contact the BLM office and then plug and abandon the well.

APPROVED FOR 3 MONTH PERIOD
ENDING 8/23/05



NOTE: IF A P&A is Required, the CMT Retainer will have to be removed.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)
Brenda Coffman

Title
Regulatory Analyst

Signature

Brenda Coffman

Date
05/13/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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, 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.

(Instructions on reverse)

Neuhaus Federal 14 #3
Lea County, New Mexico
Seven Rivers Recompletion Procedure

Date: May 13, 2005

Location: 660' FSL & 1,980' FEL Sec. 14-T20S-R35E

Production Casing: 5 ½" 17# & 20# L-80 LT&C, 17# HCP-110 LTC 0-13,444', ID-4.778", Drift-4.653",
Burst-7,740#

PBTD/TD: 9,715'/13,444'

Proposed Perfs: Seven Rivers 4112-26', 4174-86', 4234-52', 4260-76'

Recommended Procedure:

1. MIRU PU. NU BOP. Unload, rack, and tally 2-7/8" 6.5# J-55 tubing. Pressure test Csg to 2000 psi.
2. RU Wireline Co. Perf squeeze holes 4400-01' (2') 4 spf, 90° phasing w/ casing gun. Set Cement Retainer @ 4350'.
3. RIH w/ stinger on 2-7/8" tbg. and sting into Cement Retainer. Pressure back side up to 1000 psi. Establish circulation through squeeze perfs to surface. Mix and pump 200 sxs cement per cementing recommendation @ 5-6 bpm. Displace cement to 4350'. Sting out of Cement Retainer, circulate clean, POH w/ tbg.
4. RU Wireline Co. Perforate Seven Rivers 4112-26' (14'), 4174-86' (12'), 4234-52' (18') & 4260-76' (16') (60' Total). 2 spf, 120° phasing w/ casing guns. Correlate to Schlumberger Open Hole Platform Express Log dated 11/20/2000.
5. RIH w/ 5-1/2" treating pkr & RBP w/ ball catcher on 2-7/8" tbg. Set RBP below bottom perf and pull packer up to 4200'. Acidize perfs 4234-76' w/ 3,000 gal 15% NEFE acid dropping 100 7/8" ball sealers evenly through out job. Pump @ 5-6 bpm. SI 30 min. Swab back acid and test.
6. Move RBP and packer to isolate perfs 4174-86'. Acidize w/ 1500 gal 15% NEFE acid. SI 30 mins. Swab back acid and test.
7. Move RBP and packer to isolate perfs 4112-26'. Acidize w/ 1500 gal 15% NEFE acid. SI 30 mins. Swab back acid and test. POH w/ packer and RBP.
8. If additional stimulation is needed, frac productive Seven Rivers perfs per frac recommendation.
9. RIH w/ tbg, rods and pump. Put well on production from Seven Rivers. RDMO completion rig.
10. Note: If Seven Rivers is not productive. Plug and Abandon well.