

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 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. NM-51844
2. Name of Operator Chesapeake Operating, Inc.	6. If Indian, Allottee or Tribe Name
3a. Address P. O. Box 18496 Oklahoma City, OK 73154-0496	7. If Unit or CA/Agreement, Name and/or No. NMNM103145X
3b. Phone No. (include area code) (405) 848-8000	8. Well Name and No. West Teas Unit No. 923
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 1650 FWL Sec 9-20S-33E	9. API Well No. 30-025-29861
	10. Field and Pool, or Exploratory Area Teas, Yates-Seven Rivers, 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 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 Add Perfs= Frac
	<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 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 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.)

- 1) MIRU workover unit. POOH w/pump, rods & tubulars, pressure test tbg out of hole.
- 2) RIH w/bit & scraper picking up workstring to PBTD 3250', POOH standing workstring
- 3) Perf Yates "1" 3053-55, 57, 98; 3102-06, 10' via casing gun w/2 SPF, 60° phasing
- 4) RIH w/plug & pkr, test tools @±3200' to 6000 psi. MI serv. co. Set pkr @±3130' & acidize Yates "2" 3154-3180' w/2000 gal 15% NEFE acid. Inject 20 ball sealers & maintain rates to 6 BPM to achieve good ball action, max press 6000 psi.
- 5) Move tools to isolate Yates "1" 3053-3110', test plug to 6000 psi, spot 15% NEFE acid across new perfs, set pkr @±3020' & acidize w/2500 gal 15% NEFE acid. Space 20 ball sealers, maintain rates appr. 6 BPM for good ball action, max press 6000 psi, lower pkr to knock off ball sealers
- 6) Reset pkr ±3020', est. rate & frac Yates "1" 3053-3110' w/30,000 gal gelled borate containing 60,000# 12/20 sand, max press 6000 psi, wait on frac overnight
- 7) Flowback frac job, rise pkr, POOH w/plug & pkr laying down workstring
- 8) RIH prod tbg, swab to clean up hole, run 1.5" pump & 3/4" rod string, PWOP

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 08/30/02

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (ORIG. SGD.) DAVID R. GLASS

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant is a legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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.

GWW

**W. Teas Unit #923
WORKOVER PROCEDURE**

- 1) **MIRU workover unit. POOH w/ pump, rods, and tubulars. Pressure test tubing out of hole.**
- 2) **RIH w/ bit and scraper picking up workstring to PBTD 3250'. POOH standing workstring.**
- 3) **Perforate the Yates "1" 3053', 55', 57', 98', 3102', 06' and 10' via casing gun w/ 2 SPF, .42" hole, 60 degree phasing. Correlate to OH Neutron-Density dated 2/22/87.**
- 4) **RIH w/ plug and packer. Test tools at + 3200' to 6000 psi. Move in acid/fracture service company. Set packer at + 3130' and acidize Yates "2" 3154 – 3180 w/ 2000 gal of 15% NEFE acid. Inject 20 ball sealers throughout job. Maintain rates approaching 6 BPM to achieve good ball action, max pressure 6000 psi.**
- 5) **Move tools to isolate the Yates "1" 3053 – 3110'. Test plug to 6000 psi. Spot 15% NEFE acid across new perms, set packer at + 3020' and acidize with 2500 gal 15% NEFE acid. Space 20 ball sealers throughout job. Maintain rates approaching 6 BPM to achieve good ball action, max pressure 6000 psi. Lower packer to knock off ball sealers.**
- 6) **Reset packer + 3020'. Establish rate and fracture the Yates "1" 3053 – 3110' with 30,000 gal of gelled borate containing 60,000# of 12/20 sand per the attached treatment schedule. Maintain rates approaching 20 BPM, max pressure 6000 psi. Wait on frac overnight.**
- 7) **Flowback frac job. Release packer. POOH with plug and packer laying down workstring.**
- 8) **RIH production tubing. Swab well to clean up hole. Run 1.5" pump and 3/4" rod string. PWOP.**

1-1-87
RCCS
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Falcon Creek Resources, Inc.

WTU #923

(Grover Federal #1)

West Teas Field

"K" Section 9, T20S, R33E

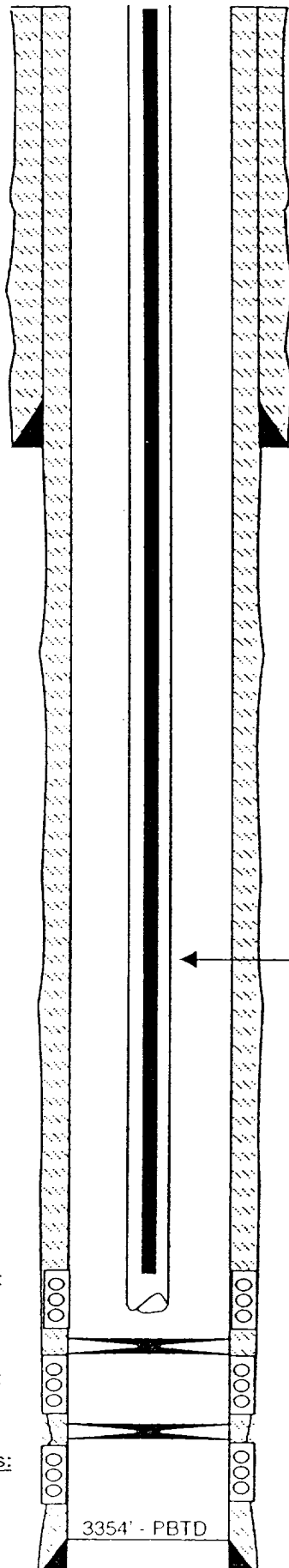
Lea County, New Mexico

GL: 3,543'; KB 3,554'

RT. 4

Las + shows
Grover Federal #1

AP# 30025-29861



12-1/4" Hole
1,265' - 8-5/8" Casing,
cmt to surface w/750 sx

2-3/8" Tubing
126 5/8" Rods
2"x 1-1/4" x 10' pump

Yates Y2 Perfs:
3,154' - 3,180'

Yates Y3 Perfs:
3,263' - 3,270'

Seven Rivers Perfs:
3,292' - 3,305'

3,250' - Bridge Plug

3,285' - Bridge Plug

3354' - PBTD

3,398' - 4-1/2" Casing, cmt w/820 sx Class
Cmt to Surface, circulated 90 sx

Initial Completion

Spud well 2-16-87

DST #1 3021'-3150'

Perf Seven Rivers from 3292', 3293',
3294', 3295', 3298', 3299', 3300', 3301',
3302', 3303', 3304' & 3305'

Acidize w/ 250 gals acid

Set CIBP @ 3285'

Perf Y3 3263', 3255', 3268',
3270' w/ 2 JSPF,

Acidize w/ 250 gal 15% NEFE

Set CIBP @ 3250'

Perf Yates Y2 from 3154', 3159', 3164',
3168', 3174', & 3180' w/ 2 JSPF

Acidize w/ 500 gals 15% NEFE

IPP: 65 BOPD

11/87

Frac Yates w/ 18,900 gal gelled water,
95 tons CO₂, 40,000# 20/40 sd, &
33,000# of 12/20 sd
IPP: 85 BO

All Cement Information was from
State Sundry Notices