

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

5. Lease Serial No.

NM 69369

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Sotol Federal #2

9. API Well No.

30-015-23977

10. Field and Pool, or Exploratory Area

Cotton Draw, Delaware

11. County or Parish, State

Eddy

New Mexico

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

OCT 04 2005

OCD-ARTS

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)

1980' FSL & 1980' FWL, Section 1, T24S, R31E

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 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>Add perfs</u>
	<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 recompleat 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 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.)

09/02/05 Run GR and pull GR/CCL/CBL across zone of interest, prepare to perforate Upper Brushy Canyon zone.

09/03/05 RIH w/7.8" GR/JP to 7670', no tight spots. Pull collars back to 7,000', FL @ 2,000'. TOC @ 7,538'. RIH to 7510' to pull gamma correlation to set BP, GR not repeating old well logs. Stuck CIBP in hole, WOO.

09/07/05 Tag fish @ 3,496'. Continue in hole w/tbg to 4,862', plug set down, no movement. Pull free @ 39,000#, POOH w/tbg. Swab. Continue pulling tbg & swb. Finish OOH.

09/08/05 RIH w/149 jts. 2 7/8" tbg to top of CIBP @ 4,862'. Spud on CIBP, would not move. RU rev equip to drill CIBP. Brk circ w/180 bbls 2% KCl. Push CIBP down below proposed perfs & possible cmt squeeze.

09/09/05 Drill CIBP in 3 hrs. fell through. RIH w/ 113 jts. 2 7/8" tbg, tag 8,400'. Set 20,000# on btm. Circ btms up. POOH w/tbg to DCs, std back 8 - 4 1/8" DCs for squeeze, if needed. TOC @ 7,544'.

09/10/05 Owens 9 5/8" CIBP set @ 7,506'. Dump 2 sx cmt on top. RIH w/9 5/8" Model R pkr w/SSN, set @ 7,481'.

09/11/05 Pld tbg & pkr.

9/13/05 Pull csg. inspection log 7,500 - 6,550', csg very pitted from corrosion, high chance of csg. leak @ 7,210' and 7,125' - 40'. 3,000' - 2500', csg very rough pitted, no visible holes. Substantial damage to jt 100' - 120', probable collar leak.

09/14/05 Dig cellar down 10', found 20" surf csg cut off w/no head. Found 13 3/8" csg cut off in cellar w/no head. Cmt to surf, found steel plate cut to fit 9 5/8" csg. Install over 9 5/8" csg, center in 13 3/8" csg. Weld w/no slips, no valves on csg

~~strings to check for press. flow, etc. Covered cellar w/cin sd. RIH w/26 jts. 2 7/8" tbg. POOH, LD tbg.~~

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

Name (Printed/Typed)

Brenda Coffman

Title

Regulatory Analyst

Date

09/22/2005

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

SEP 30

Approved by

Title

Date

LES BABYAK

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

PETROLEUM ENGINEER

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)

Chesapeake Operating, Inc.
P. O. Box 11050
Midland, Texas 79702-8050

Sundry Notice
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SOTOL FEDERAL #2

09/15/05 Test hole to 600 psi w/pumping unit Held w/no leak. Monitor to prod. Facility.

09/16/05 RIH w/237 jts. 2 7/8" 6.5# N-80 tbg, 7,351' ND hydril and blind rams, set TAC w/12 pts tension @ 7,354' KB, SN @ 7,418'. CIBP @ 7,504. PU 2 1/2" x 1 1/4" x 24' RHBC pump. Placed well on production.