

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007**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.
NMNM-169369

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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

8. Well Name and No.
SOTOL FEDERAL 22. Name of Operator
CHESAPEAKE OPERATING, INC.

ATTN: LINDA GOOD

9. API Well No.
30-015-239773a. Address
P. O. BOX 18496
OKLAHOMA CITY, OK 73154-04963b. Phone No. (include area code)
405-767-427510. Field and Pool or Exploratory Area
COTTON DRAW

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

1980' FSL & 1980' FWL, NESW, SECTION 1, T24S, R31E

11. Country or Parish, State
EDDY COUNTY, NEW MEXICO

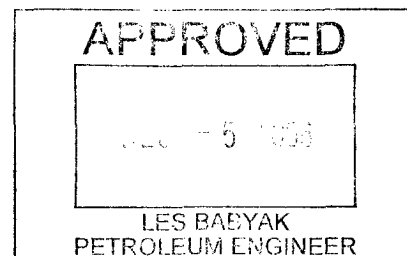
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" 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 recompleat 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 plug and abandoned this well per the attached procedure.

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(CHK PN 890536)

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

LINDA GOOD

Title FEDERAL REGULATORY PERMITTING AGENT

Signature

Linda Good

Date 11/29/2006

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 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.

(Instructions on page 2)

Accepted for record
NMOCD

**Sotol Federal 2
Plug and Abandonment Procedure
Eddy County, New Mexico**

1. Notify the BLM and/or NMOCD 24 hrs in advance prior to commencing plug and abandonment operations.
2. MIRU Well Service Unit. ND wellhead. NU BOP.
3. RIH with tubing to PBTD ~7500'. Circulate 9-5/8" casing with salt gel mud containing 9.5 pound brine and 25 lbs of gel per barrel.
4. Spot a 100' Class "C" Neat cmt plug from 4500-4600'. Shut in for 4 hrs and tag top of cement. Spot additional cement if needed.
5. Spot a 100' Class "C" Neat cmt plug from 1500-1600'. Shut in for 4 hrs and tag top of cement. Spot additional cement if needed.
6. Spot a 100' Class "C" Neat cmt plug from 640-740'. Shut in for 4 hrs and tag top of cement. Spot additional cement if needed (8-5/8" shoe).
7. Spot 60' Class "C" Neat cmt plug from 63-3'.
8. ND BOP. Cut off 9 - 5/8" and 20" casings 3' below Ground Level.
9. Weld on an ID plate. RD and release Well Service Unit. Restore location per BLM requirements.

CURRENT WELLBORE SCHEMATIC

CHESAPEAKE OPERATING INC.

WELL : SOTOL FEDERAL #2

FIELD : COTTON DRAW

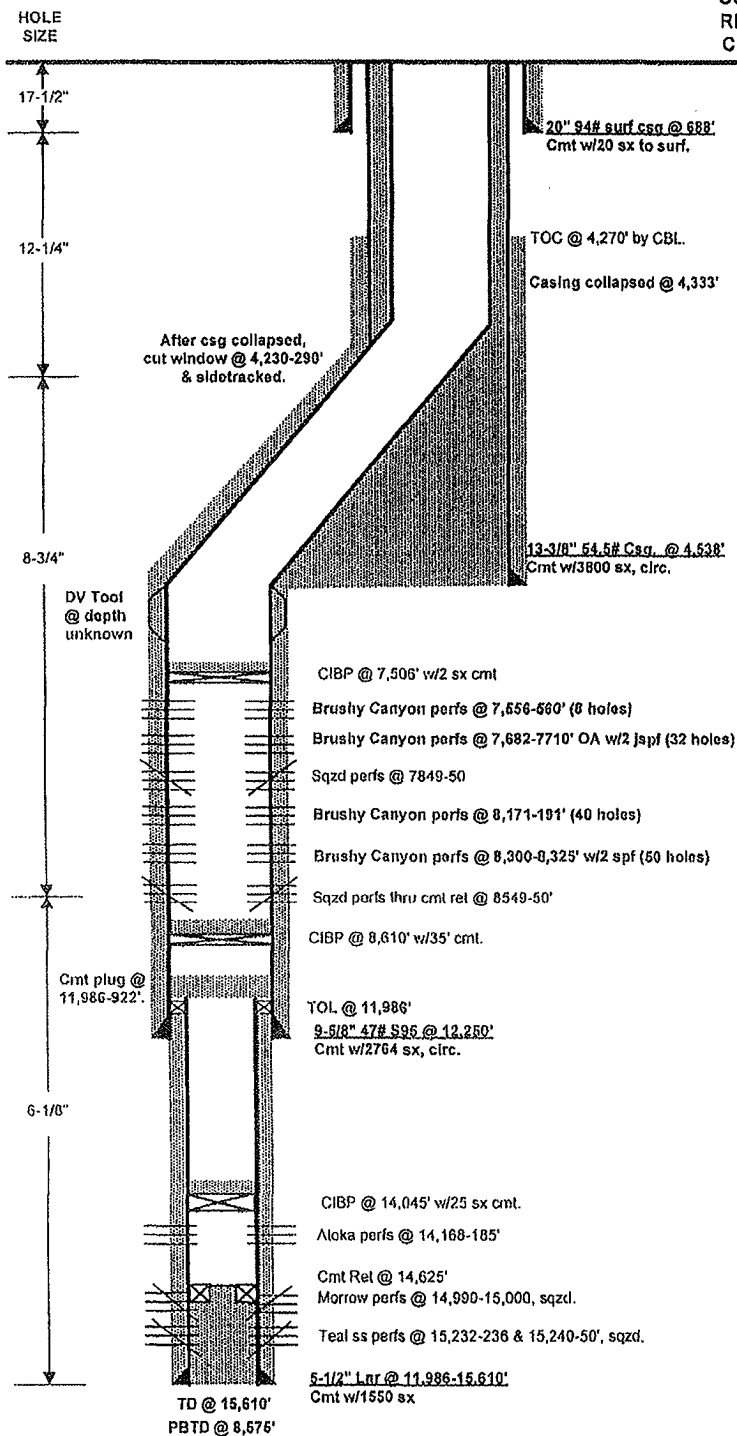
LOCATION : 1,980' FSL & 1,980' FWL, SEC. 1-T24S-R31E

COUNTY : EDDY

STATE : NM

ELEVATION : GL - 3,532' RKB - 3,554'

API #: 30-015-23977
 SPUD DATE: 11/14/81
 COMPLE. DATE: 01/04/84
 RE-ENTRY COMP. DATE: 06/06/92
 CHK PROPERTY#: 890536



PREPARED BY: Linda S. Fries

UPDATED BY:

DATE: 6/03/05

DATE: