

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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NOV - 7 2003

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. SU FEDERAL 1
2. Name of Operator CHESAPEAKE OPERATING, INC.		9. API Well No. 30-005-62180
3a. Address P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) Ph: 405.848.8000 Ext: 9112 Fx: 405.879.9583	10. Field and Pool, or Exploratory PECOS SLOPE; ABO(GAS)
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T09S R25E SWNW 1980FNL 860FWL		11. County or Parish, and State CHAVES COUNTY, 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 Workover Operations
	<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 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 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.)

- 1) MIRU Service Rig, kill well w/2% KCL.
- 2) ND well head, NU BOP, POOH w/2-3/8" tbg.
- 3) RIH w/bit & scraper to PBTD 4190', POOH.
- 4) MIRU wireline serv. co., set CIBP @4000', bail 1 sx cmt on plug.
- 5) Load hole w/2% KCL & test csg & plug to 3000 psi.
- 6) Run strip log & correlate to OH Neutron-Density of 08/19/84. Perf w/csg gun Abo "A" 3727-37' w/2 SPF (20 holes), .42" hole, 23 gram chg, 60 degree phasing.
- 7) MIRU Frac Serv Co., NU frac valves, tie on to csg & est. rate w/2% KCL, bullhead 1000 gal 15% NeFe acid, launch 20 ball sealers thru out job, displace w/2% KCL, obtain rates which limit press. to max of 3000#, obtain pre-frac data.
- 8) Run gauge ring & clear perfs of ball sealers.
- 9) Est. rate w/10,000 gal pad 65Q linear foam w/additives per frac schedule, obtain rates to 30

14. I hereby certify that the foregoing is true and correct. Electronic Submission #24775 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Roswell	
Name (Printed/Typed) BARBARA BALE	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 11/05/2003

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.

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Additional data for EC transaction #24775 that would not fit on the form

32. Additional remarks, continued

BPM, max press 3000#. Frac w/25,000 gal 65Q linear foam & 60,000 20/40 Brady ramping from 1 to 5 lb/gal. Displace to perfs w/2% KCL. Antipated treating press 2500 psi, RDMO frac crew.

10) RIH w/prod tbg, land @ approx 3700'.

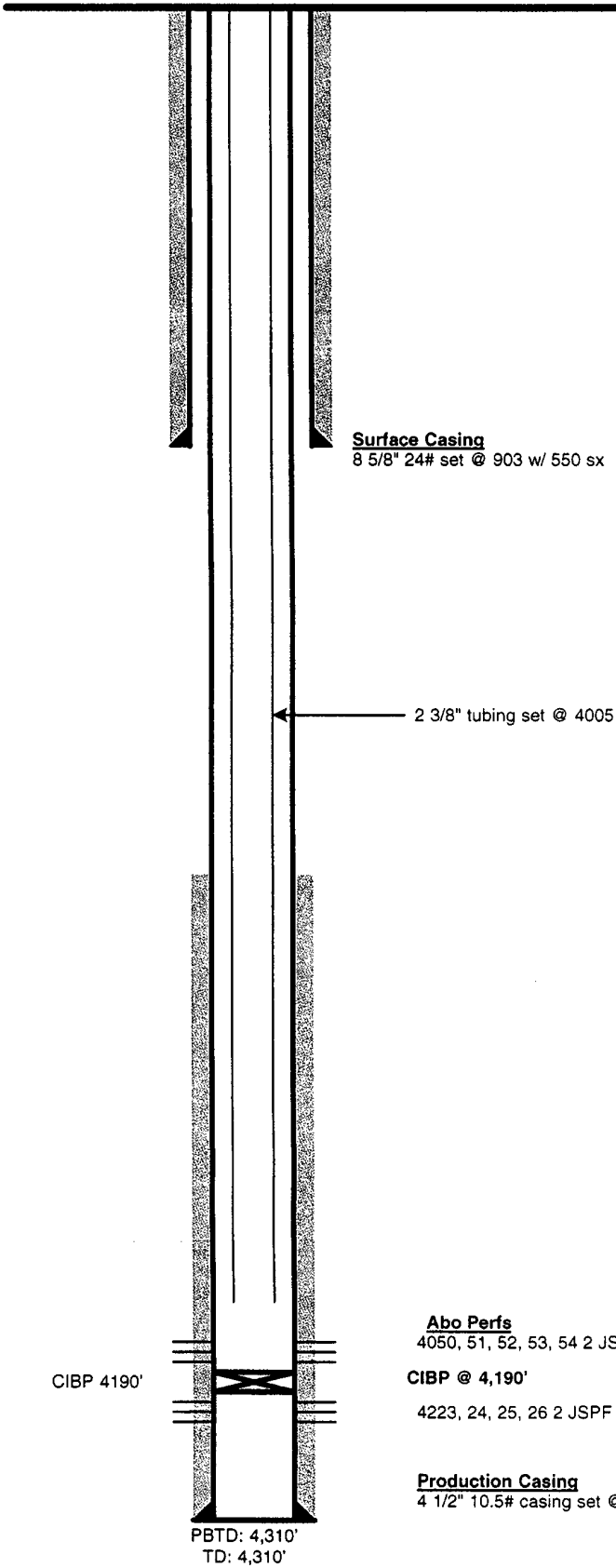
11) NU blow down line, swab well in & flow back frac. As well cleans up, tie in to sales.

CURRENT WELLBORE SCHEMATIC

WELL : SU FED 1
FIELD : Pecos Slope (Abo)
COUNTY : CHAVES STATE : NM
LOCATION : "E" SEC. 9-T9S-R25E (1980' FNL & 860' FWL)
ELEVATION : GL 3,650' KB
API NO. : 30-005-62180



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Zones of Interest:

Zones Behind Pipe:

Well History

08/12/84: Well spudded
08/19/84: TD reached
09/27/84: Completed

Completion: Shot Abo D 4223-4226. Az w/ 1000 gallons 15%. Set CIBP @ 4190'.
Shot Abo C 4050-4054'. Az w/ 1000 gallons 7.5% Spearhead acid.
Frac w/ 15,000 gallons gelled water carrying 15,000# 20/40 and 5,000# 10/20 sand.

IP: CAOF 1209 MCFD

Abo Perfs
4050, 51, 52, 53, 54 2 JSPF (10 holes)
CIBP @ 4,190'
4223, 24, 25, 26 2 JSPF (8 holes)

Production Casing
4 1/2" 10.5# casing set @ 4310 w/ 400 sx

PREPARED BY: David Zerger
UPDATED BY:

DATE: 8/06/02
DATE: