

Submit 3 Copies to Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brázos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.	30-015-33002
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Spruce 10 State	
8. Well Number	001
9. OGRID Number	147179
10. Pool name or Wildcat Hoag Tank;Morrow	

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator  
Chesapeake Operating, Inc.

3. Address of Operator  
P. O. Box 11050  
Midland, TX 79702-8050

4. Well Location  
Unit Letter O : 1310 feet from the South line and 1980 feet from the East line  
Section 10 Township 19S Range 23E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3922' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chesapeake, respectfully, requests permission to dually complete this well per the attached procedure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Brenda Coffman TITLE Regulatory Analyst DATE 03/15/2005

Type or print name Brenda Coffman  
For State Use Only

E-mail address: bcoffman@chkenergy.com Telephone No. (432)687-2992

APPROVED BY: Denied TITLE \_\_\_\_\_ DATE MAR 24 2005

Conditions of Approval (if any):

DHC Required

# Spruce 10 State #1

## DUAL COMPLETION PROCEDURE

### GENERAL INFORMATION

Location: 1310' FSL & 1980' FEL, Sec 10 – T19S – R23E

API No.: 30-015-33002

### WELL INFORMATION

<u>String OD</u>	<u>Weight &amp; Grade</u>	<u>Depth</u>	<u>ID</u>	<u>Drift</u>	<u>Burst</u>	<u>TOC</u>
13-3/8"	48# H-40 STC	0' – 313'	12.715"	12.559"	1730	0'
8-5/8"	32# J-55 LTC	0' - 1933'	7.921"	7.796"	3930	0'
5-1/2"	17# L-80 LTC	0' - 8406'	4.892"	4.767"	7740	6300'

Morrow perms: 8002 – 8121' (OA)

Pennsylvanian perms: 7631 - 60', 7154 – 66', 6640 – 86', 6526 – 6618' (OA), 6404 – 40' (OA).

PBTD: CIBP @ 7950'

### Procedure

1. MIRU Service Rig and requisite equipment. Kill Penn with 2% KCL. ND WH, NU BOP.
2. Release Arrowset packer at 6301' and POOH w/ 2-3/8" L-80 tubing.
3. RIH w/ 4-3/4" bit and 4 drill collars. RU foam unit. Drill up CIBP and chase to original PBTD ~ 8292' (CBL PBTD).
4. MIRU Wireline Service Company. Correlate to GR/CCL/CBL log dated 12/24/2003. RIH with a wireline set Arrowset packer as follows: Re-entry guide, 4' sub, 'XN' nipple, 10' sub, 'X' nipple, 4' sub, Arrowset packer with 'X' profile in on/off tool. Run with a plug in place in the 'XN' nipple. Set packer at 7960'.
5. Run 2-3/8" production tubing. Run a 10' sub, Weatherford Model X Sliding Sleeve (in open position), and remainder of tubing. Space out and land tubing in on/off tool. NDBOP, NUWH.
6. Swab in Penn. Establish flow up tubing.
7. MIRU Slick Line. Close sliding sleeve allowing Penn production via annulus.
8. Pull plug from 'XN' profile allowing Morrow production via tubing.
9. Swab in Morrow.
10. Put well on production. Separate meters required for production allocation between the Morrow and Penn.