

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 Brazos 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  
June 19, 2008

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-28636
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Chesapeake Operating, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 8496 Oklahoma City, OK 71154-0496		7. Lease Name or Unit Agreement Name Harvard
4. Well Location Unit Letter <u>O</u> : <u>330'</u> feet from the <u>South</u> line and <u>2310'</u> feet from the <u>East</u> line Section <u>31</u> Township <u>18S</u> Range <u>39E</u> NMPM County <u>Lea</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3606'		9. OGRID Number 147179
		10. Pool name or Wildcat Foster; San Andres

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 ☐  
DOWNHOLE COMMINGLE ☐

**SUBSEQUENT REPORT OF:**  
REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Acidize & frac



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 Operating, Inc. respectfully submits application to re-enter the above noted well in order to acidize and frac existing perforations.

Please find the attached procedure along with NMOCD's C-144.

RECEIVED

AUG 15 2008  
HOBBS OCD

Spud Date: 03/26/1984

Rig Release Date: 04/18/1984

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Linda Good TITLE Senior Reg. Compliance Spec. DATE 08/14/2008

Type or print name Linda Good E-mail address: linda.good@chk.com PHONE: (405)879-3782  
**For State Use Only**

APPROVED BY: Chris Williams TITLE OCD DISTRICT SUPERVISOR/GENERAL MANAGER DATE AUG 25 2008  
Conditions of Approval (if any):



**Harvard #1  
San Andres Re-Completion  
Lea County, New Mexico**

**Location:** Section 31, 18S-39E, 330 FSL & 2310 FEL

**Production**

**Casing:** 5-1/2" 15.5# 0-4,533', ID=4.950", Drift=4.653"

**PBTD/TD:** 4,516'/4,533'

**Current Perfs:** San Andres 4,424' – 4,433'  
4,472' – 4,490'

**Procedure**

Hold Tailgate Safety meeting prior to beginning work each morning and as required for specific operations.

1. Prep location. Check anchors and clean area for workover.
2. Rack and tally 151 joints of L-80 2-7/8" workstring.
3. MIRU workover rig. POH w/pump and rods. ND WH. NU BOP. POH w/ tubing.
4. RIH w/ workstring and packer. Set packer @ 4,324'.
5. Pump 4,000 gallons of 15% HCL acid and drop 2,500# rock salt as a diverter. Flush acid to bottom perf with 2% KCL. SI and wait 1 hour.
6. Pump 2 bbls of scale inhibitor. Flush w/ 100 bbls of 2% KCL.
7. RU frac service and frac San Andres perfs 4,424' – 4,490' (54 holes) with 32,000# 20/40 sand. Frac design/pump schedule will be provided separately once finalized. Record ISIP-5-10-15 min pressures.
8. Unset packer and TOH with 2-7/8" work string and packer.
9. TIH with production tubing and SN. Set seat nipple at 4,483' (below perfs) and TAC @ 4,390.
10. ND BOP. NU WH. TIH with pump and rods. Fill tubing and space out pump accordingly. Verify pump action. Place well on test. *Note: Rod design same as before workover.*
11. RDMO workover rig. Clean location.

**Contacts**

**Workover Foreman**

Lynard Barrera  
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Cell: 505-631-4942

**Production Foreman**

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**Asset Manager**

Kim Henderson  
Office: 405-879-8583  
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**Field Engineer**

Doug Rubick  
Office: 505-391-1462  
Cell: 505-441-7326