

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

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

Form C-103

May 27, 2004

WELL API NO.	30-025-35623
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Roy Riddle	
8. Well Number	4
9. OGRID Number	147179
10. Pool name or Wildcat Eumont; Yates-Seven Rivers-Queen	

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 18496
Oklahoma City, OK 73154-0496

4. Well Location
Unit Letter I; 1980' feet from the South line and 660' feet from the East line
Section 12 Township 21S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3498'

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Steel 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 ☐

OTHER: Clean out to new PBTD, acidize, and change pump ☐

SUBSEQUENT REPORT OF:

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

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 plans to re-enter this well bore and clean out to a new PBTD of 3942'.
Please review attached procedure and well bore diagram.
All work will be with steel working pits.

RECEIVED

MAY 21 2004

HOBBS OCD

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 Linda Weeks TITLE Linda Weeks Regulatory Analyst DATE 05/15/2008

Type or print name _____ E-mail address: linda.weeks@chk.com Telephone No. (405)879-6854

For State Use Only

APPROVED BY: Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE 05 2008
Conditions of Approval (if any):



Roy Riddel #4
Acid/Scale Squeeze and Pump Change
Lea County, New Mexico

Location: Section 12, 21S-36E, 1980 FSL & 660 FEL

Production

Casing: 5-1/2" 15.5# J-55 0-4,000', ID=4.950", Drift=4.825", Burst=4,040#

PBTD/TD: 3,715'/4,000'

Current Perfs: Queen 3,540' – 3,687'

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 123 joints of 2-3/8" J-55 tubing.
3. MIRU Pulling Unit. POH w/pump and rods. ND WH. NU BOP.
4. Tag PBTD @3,715' with production tubing. POOH w/ tubing.
5. RIH w/ bit and scraper to PBTD @ 3,715'. TOH.
6. RU Cleanout unit and circulate well bore clean to original PBTD @3,942'.
7. If circulation does not work, RU foam air unit to clean well bore to 3,942'.
8. RIH w/ production tubing, packer and RBP. Set RBP below perfs @ 3,700'. Spot acid to packer. Pull packer up to 3,500'. Reverse spot acid back into tbg. Set packer.
9. Pump 4,000 gallons of 15% NeFe acid and drop 1,000 # rock salt as diverter. Flush acid to bottom perf w/ 2% KCL. SI and wait for 1 hour.
10. Pump 2 bbls of scale inhibitor. Flush w/ 120 bbls of 2% KCL.
11. Release packer and TOH w/ packer, RBP and tubing.
12. TIH w/ 2-3/8" production tubing and set SN @ 3,737' (below perfs if cleanout was successful). If cleanout was unsuccessful set SN @ 3,680' (original location).
13. ND BOP. NU WH. RIH with pump and rods and place back on production.
14. RDMO workover rig. Clean location.

Contacts

Workover Foreman

Lynard Barrera
Office: 575-391-1462
Cell: 575-631-4942

Production Foreman

Melvin Harper
Office: 575-391-1462
Cell: 575-631-5348

Asset Manager

Kim Henderson
Office: 405-879-8583
Cell: 405-312-1840

Field Engineer

Doug Rubick
Office: 575-391-1462
Cell: 575-441-7326



Current Wellbore Schematic

ROY RIDDEL 4

Field: EUMONT, YATES, 7R, QUEEN, OIL
 County: LEA
 State: NEW MEXICO
 Elevation: GL 3,498.00 KB 3,503.00
 KB Height: 5.00

Location: SEC 12, 21S-36E, 1980 FSL & 660 FEL

Spud Date: 7/1/2001
 Initial Compl. Date:
 API #: 3002535623
 CHK Property #: 891431
 1st Prod Date:
 PBTD: Original Hole - 3715.0
 TD: 4,000.0

