

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

RECEIVED

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

NOV 16 2009

HOBBSOCD

WELL API NO.

30-025-25506

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Quail Queen Unit

8. Well Number 15

9. OGRID Number

147179

10. Pool name or Wildcat
Quail; 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 ☐ Other2. Name of Operator
Chesapeake Operating, Inc.3. Address of Operator P.O. Box 18496
Oklahoma City, OK 73154-0496

4. Well Location

Unit Letter B : 660' feet from the North line and 1980' feet from the East line
Section 14 Township 19S Range 34E NMPM County Lea11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3967' GR

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: Squeeze off perfs

☒

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.

Please find the following information in our plans to re-enter this well & squeeze off perforations:

Procedure to squeeze Seven Rivers perforations, actual well bore diagram and NMOCD's C-144(CLEZ) pit permit.

Spud Date:

Rig Release Date:

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

SIGNATURE

TITLE Senior Regulatory Compl. Sp.

DATE 11/13/2009

Type or print name Bryan Arrant

E-mail address: bryan.arrant@chk.com

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

TITLE

PETROLEUM ENGINEER

DATE

NOV 23 2009

Conditions of Approval (if any):

Quail Queen Unit 15

Lea County, New Mexico

Procedure to Squeeze of Seven Rivers Perforations

Date: October 29, 2009

API #: 3002525506

CHK Property #: 891057

Location: 660' FNL & 1,980' FEL Sec. 14-T19S-R34E

Casing: 4 ½" 10.5# J-55 0-5,548' (ID – 4.052", Drift – 3.927", Burst – 4,790 psi)

PBTD/TD: ~5,506'/5,548'

Current Perfs: Seven Rivers	4040-44', 4054-61', 4574-80', 4716-24'
Queen	5136-42'

Recommended Procedure:

1. MIRU PU. ND WH. NU BOP. POH w/ rods and tubing.
2. RIH w/ bit and scraper to 5,200'. POH w/ bit.
3. Rig up wireline. Set CBP @ 4,750'.
4. RIH w/ treating packer on 2 3/8" tbg. Set packer at 4625'. Squeeze off perfs 4716-24' per cement recommendation. Release packer, circulate clean, and pull packer to 4475'.
5. Set packer and squeeze off perfs 4574-80' per cement recommendation. Release packer, circulate clean and pull packer to 3950'.
6. Set packer and squeeze off perfs 4040-61' per cement recommendation. Release packer, circulate clean and TOH w/ packer.
7. RIH w/ bit and drill out squeezes and CBP @ 4,750'. Continue cleaning out to ~ 5200'. POH w/ bit.
8. RIH w/ production tbg. Set SN below perfs at 5150' and TAC just above perfs at 5000'. ND BOP/NU WH. RIH w/ rods (rod string to be determined after rods are visually inspected) & 1.5" pump. POP from Queen 5136-42'. RD MO.



BLM Schematic
QUAIL QUEEN UNIT 15

CONFIDENTIAL

Field: QUAIL QUEEN
County: LEA
State: NEW MEXICO
Location: SEC 14, 19S.34E, 660 FNL & 1980 FEL
Elevation: GL 3,967.00 KB 3,977.00
KB Height: 10.00

Spud Date: 4/28/1977
Initial Compl. Date:
API #: 3002525506
CHK Property #: 891057
1st Prod Date: 7/1/1977
PBTD: Original Hole - 5506.0
TD: 5,548.0

