

Submit 1 Copy 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
October 13, 2009

RECEIVED
JUN 11 2010
HOBBS

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

WELL API NO.	30-025-25536
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 Quail Queen Unit	
8. Well Number	1
9. OGRID Number	147179
10. Pool name or Wildcat SWD; Queen	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3974' GR

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>SWD</u>	
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 <u>O</u> : <u>660'</u> feet from the <u>South</u> line and <u>1980'</u> feet from the <u>East</u> line Section <u>11</u> Township <u>19S</u> Range <u>34E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3974' 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: Frac well & run MIT

☒

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chesapeake Operating, Inc. respectfully request perform a small frac on this injector well. Please find the work procedure and NMOCD's C-144 (CLEZ) pit permit.
R-Order 12952.

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

Bryan Arrant

TITLE Senior Regulatory Compl. Sp.

DATE 06/09/2010

Type or print name Bryan Arrant

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

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

E. Gonzalez

TITLE

STAFF MGR

DATE

6-14-10

Conditions of Approval (if any):

Condition of Approval: Notify OCD Hobbs
office 24 hours prior to running MIT Test & Chart.

QQU #1 (Injector)
Sec. 11-T19S-R34E, 660 FSL & 1980 FEL
Lea County, NM
API #3002525536



Frac Queen Formation

Well Data

Tubing: 2-3/8", J-55 TK-99 @ 4,937'
Casing: 4-1/2", 10.5# & 9.5# J-55 @ 5,484'
TD: 5,500'
PBSD: 5,237' (Coil tbg – 8/2008)
Elevation: 3,974' KB 3,964' GL

Packer: 4-1/2" Baker Lok-Set Packer @ 4,945'

Open Perforations:

Queen 5,036' – 43', 5,053' – 72', 5,077' – 86', 5,097 – 107', 5,110' – 16', 5,132' – 40', 5,168 – 70'
Shot in 8/2008 w/ 3SPF (1-9/16" perf guns)

Procedure

1. MIRU pump truck. Load backside and test to 500#'s for csg integrity. RDMO pump truck.
2. MIRU PU. ND WH. NU BOP. Release 4-1/2" Baker Lok-Set pkr & TOH. LD 2-3/8" J-55 TK-99 injection tbg and pkr.
3. RU Hydrotesters. PU 4-1/2" 10K tension set completion pkr and 2-7/8" CS Hydril 6.5# L-80 workstring. TIH while hydrotesting to 7,000 psi. Set pkr 50' from the top of the fish @ 4,954'. Load and pressure backside. RD Hydrotesters.
4. RU frac crew. Perform frac as per recommendations (32K 16/30 Brady, 30 BPM, 25# Gel Flush). RD frac crew.
5. Release 4-1/2" pkr & TOH. LD workstring.
6. RU Hydrotesters. PU 4-1/2" pkr and 2-3/8" J-55 TK-99 prod tbg. TIH while testing to 5,000 psi. RD Hydrotesters.
7. Set pkr within 100' of top perforation @ 5,036'. Circulate pkr fluid on the backside. Perform MIT as required.
8. ND BOP. NU WH. RDMO PU. Return well to injection.

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