

Office

Energy, Minerals and Natural Resources

June 19, 2008

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

87505

RECEIVED

APR 06 2009

HOBBSOCD

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-22519 ✓

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Atlantic Richfield ✓

8. Well Number 1 ✓

9. OGRID Number
14717910. 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, Inc3. Address of Operator P.O. Box 18496
Oklahoma City, OK 73154-0496

4. Well Location

Unit Letter L : 2310' feet from the South line and 330' feet from the West line
Section 13 Township 19S Range 34E NMPM County Lea ✓11. 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.

Dear Sirs/Madams,

Please find the following information to re-enter this well:

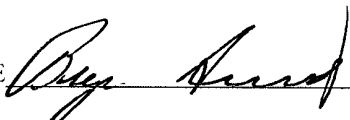
- 1) Work procedure in order to squeeze off perforations
- 2) Current wellbore diagram
- 3) NMOCD's C-144(CLEZ) pit permit.

Spud Date:

Rig Release Date:

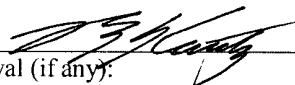
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Sr. Regulatory Compl. Sp.DATE 04/03/2009Type or print name Bryan ArrantE-mail address: bryan.arrant@chk.comPHONE: (405)935-3782

For State Use Only

APPROVED BY:



TITLE

PETROLEUM ENGINEER

DATE

APR 15 2009

Conditions of Approval (if any):



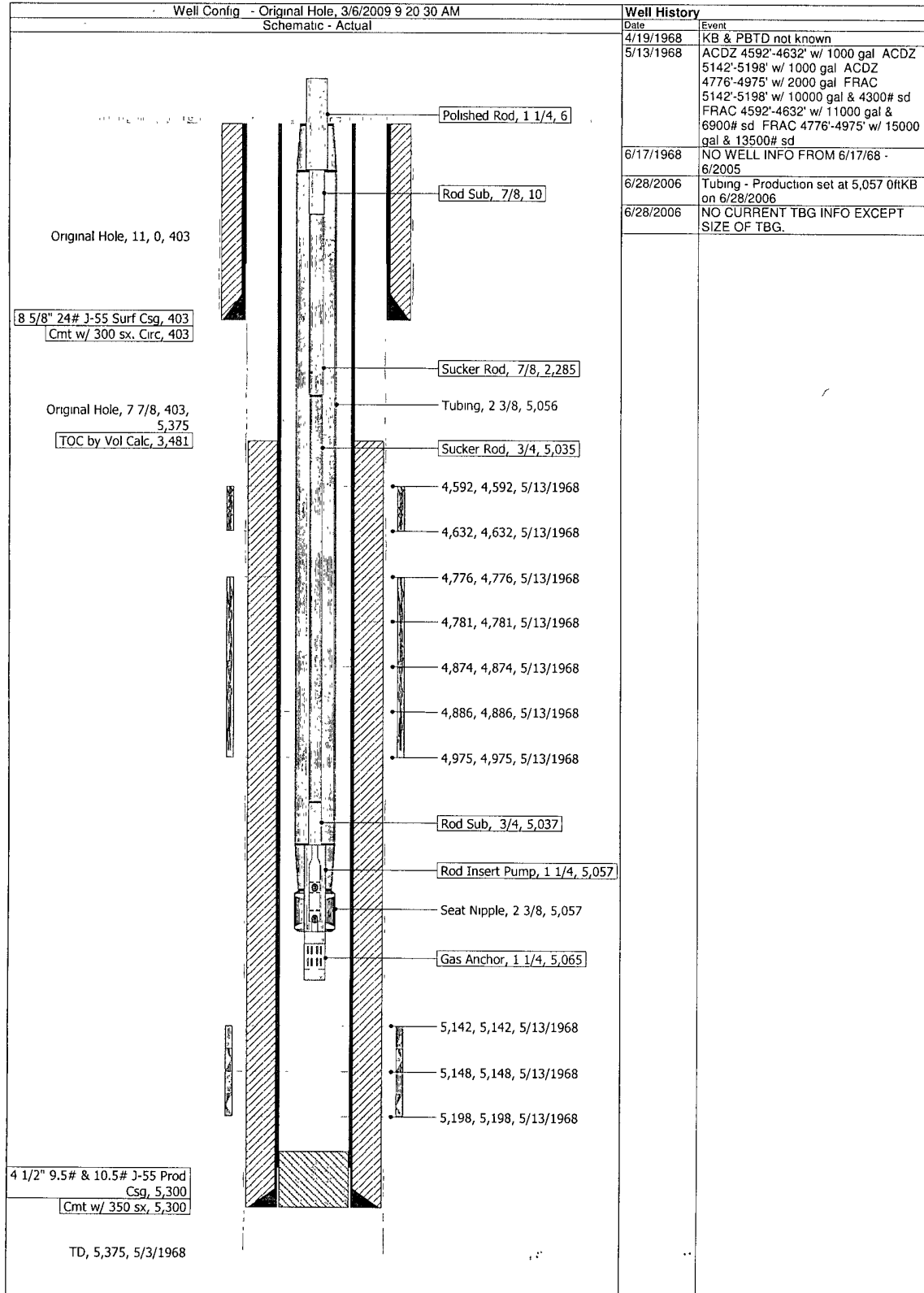
Current Wellbore Schematic

ATLANTIC RICHFIELD 1

Field: QUAIL QUEEN
County: LEA
State: NEW MEXICO
Elevation: GL 3,956.00 KB 3,956.00
KB Height: 0.00

Location: SEC 13, 19S-34E, 2310 FSL & 330 FWL

Spud Date: 4/19/1968
Initial Compl. Date:
API #: 3002522519
CHK Property #: 890991
1st Prod Date: 1/1/1970
PBDT:
TD: 5,375.0



**Atlantic Richfield 1
Lea County, New Mexico
Squeeze Off Perfs Procedure**

Date: March 5, 2009

Location: 2,310' FSL & 330' FWL Sec. 13-T19S-R34E

Casing: 4 ½" 9.5 & 10.5# J-55 0-5,300' ID – 4.052", Drift – 3.927", Burst – 4,380 psi

PBTD/TD: ~5,250'/5,375'

Current Perfs: Seven Rivers	4592-4632', 4776-4975'
Queen	5142-98'

Recommended Procedure:

1. MIRU PU. NU BOP. POH w/ rods and tubing.
2. RIH w/ bit and scraper to 5,100'. POH w/ bit.
3. Rig up wireline. Set CIBP @ 5,000'.
4. Load hole. Establish injection into Seven Rivers perfs. Set cement retainer @ 4,550'. RIH w/ stinger on tbg and sting into retainer. Squeeze off perfs 4592-4975' per cement recommendation. Sting out of retainer, circulate clean, and POH w/ stinger.
5. RIH w/ bit and drill out retainer, squeeze and CIBP @ 5,000'. Continue cleaning out to PBTD @ ~ 5250'. POH w/ bit.
6. RIH w/ production tbg. Set SN below perfs at 5200' and TAC just above squeeze at 4500'. RIH w/ rods & pump. POP from Queen 5142-98'. RD MO.