

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

OCT 08 2010

HOBBSCOCD

OIL CONSERVATION DIVISION

220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-10311 ✓
5. Indicate Type of Lease	STATE ☒ FEE ☐ ✓
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	R E Cole ✓
8. Well Number	2 ✓
9. OGRID Number	147179 ✓
10. Pool name or Wildcat	Penrose Skelly; Grayburg ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3372' 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 ☒ 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 N : 330' feet from the South line and 1650' feet from the West line
Section 16 Township 22S Range 37E NMPM County Lea

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: ☐ 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. request is for plug and abandonment.

Please find attached the plug & abandonment procedure, actual & proposed well bore diagram, and NMOCD's C-144 (CLEZ) pit permit.

The Oil Conservation Division **Must be notified**
24 hours prior to the beginning of plugging operations.

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 10/07/2010

Type or print name Bryan Arrant E-mail address: bryan.arrant@chk.com PHONE: (405)935-3782

For State Use Only

APPROVED BY: [Signature] TITLE STAFF MGR DATE 10-12-10
Conditions of Approval (if any):

RE Cole #2
SEC 16, 22S-37E, 330 FSL & 1650 FWL
Lea, NM
API #3002510311



Plugging Procedure

Well Data

Tubing: 2-3/8" @ 3,617'
Casing: 5-1/2" 14# J-55 @ 3,675'
TD: 3,745'
PBSD: 3,745'
Elevation: 3,384' KB 3,372' GL

TAC: 3,391'
SN: 3,580'

Perforations:
Grayburg 3,470' – 502', 3,520' – 608'

Procedure (Basic Energy Services)

1. M.I. R.U. N.D. W.H. N.U. B.O.P.
2. P.O.O.H. rods & tbg. – laying down rest.
3. R.I.H. Wireline. Set C.I.B.P. – 3,420'.
4. R.I.H. tbg. to 3,420'. Circulate hole w/M.L.F. Cap w/25 sx. cmt.
5. Std. back – 2,000' – tbg. Lay down rest & perf. @2,200'.
6. R.I.H. pkr. to 2,000'. Sqz. 35 sx. cmt. — *WOC/TAG*
7. P.U.H. to 800'. Set pkr. & perf. @1,100' – top salt.
8. Sqz. 35 sx. cmt. W.O.C. & tag.
9. Lay down tbg. & perf. @385'.
10. Pkr. – 100'. Sqz. 60 sx. cmt. W.O.C. & tag.
11. 10 sx. cmt. – 60' – 3'.
12. R.D. M.O.



Proposal Schematic

R E COLE 2

