

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., Artesia, NM 88201  
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  
June 19, 2008

RECEIVED  
AUG 20 2010  
HOBBSOCD

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-10362
1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator XTO Energy, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701		7. Lease Name or Unit Agreement Name: Arrowhead Grayburg Unit
4. Well Location Unit Letter <u>D</u> : <u>660'</u> feet from the <u>North</u> line and <u>660'</u> feet from the <u>West</u> line Section <u>19</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u>		8. Well Number 247
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 005380
		10. Pool name or Wildcat Arrowhead; Grayburg

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 ☐

OTHER: Frac Penrose

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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.

1. MIRU PU. MI & rack 4000' of 2-7/8" 6.5 ppf L-80 WS. ND WH. NU BOP. POOH w/rods & 2-7/8" prod tbg,
  2. RIH w/notched collar, 5-1/2" 15.5 ppf csg scraper & 2-7/8" WS. Space Scraper out to keep above sqz'd perfs @ 3540'. Tag for fill. POOH & ID scraper.
  3. RIH w/notched collar on 2-7/8" WS to 3,700'. Dump 20/40 mesh sd to fill up open hole fr TD to 3,710' using the conversion 13.9 lbs sd/linear ft of OH. (If TD is tagged @3900' with no fill, dump 2650 lbs sd)
  4. Tag sd to verify top of sd between 3,690'-3,718'. POOH w/notched collar.
  5. MI & rack 4,000' of 3-1/2" 9.3 ppf N-80 workstring.
- Procedure Cont'd. on Next Page

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 Kristy Ward TITLE Regulatory Analyst DATE 06/01/10  
Type or print name Kristy Ward E-mail address: kristy\_ward@xtoenergy.com PHONE 432-620-6740

For State Use Only

APPROVED BY [Signature] TITLE STAFF MGR DATE 8-23-10  
Conditions of Approval (if any):

**Arrowhead Grayburg Unit #247**  
**Frac Penrose Cont'd.**

6. RIH w/ Peak 5-1/2", 17 ppf treating pkr & 3-1/2" workstring to 3,690'. Load hole with 2% KCL. Spot 3 bbls of 15% NEFE acid w/mutual solvent across Penrose perfs fr 3,600' to 3,690'. Pull pkr to 3,475'. Reverse circulate 3 bbls of 2% KCL. Set Packer. Frac Penrose perfs from 3,600' to 3,690'. RDMO.
7. Open well back to pit and flow well down. Monitor volume inflow and oil cut. POOH & LD 3-1/2" workstring & packer.
8. RIH w/4-3/4" bit on 2-7/8" workstring. Clean out frac sand to 3,710'. Pick bit up to 3,500'.
9. Rig up swab. Swab to recover fines. Monitor volume and oil cut.
10. RIH & clean out plug back sand to TD @ 3,900'. Circulate hole clean w/2% KCL. POOH & LD workstring & notched collar.
11. RIH with production tbg, rods & pump. HWO & RWTP.