

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
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  
May 27, 2004

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

WELL API NO. 30-025-31674
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: Arrowhead Grayburg Unit
8. Well Number #226
9. OGRID Number 005380
10. Pool name or Wildcat Arrowhead; Grayburg

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>
2. Name of Operator XTO Energy, Inc.
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701

4. Well Location Unit Letter <u>H</u> : <u>1650</u> feet from the <u>North</u> line and <u>560</u> feet from the <u>East</u> line Section <u>13</u> Township <u>22S</u> Range <u>36E</u> NMPM County <u>Lea</u>
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11. Elevation (Show whether DR, RKB, RT, GR, etc.)
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Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: Return to Production <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

The T/A status for this well expires on 7/16/2008. This well failed a MIT test on 5/29/2008. This notice of intent is to return this well to production. We would also like to request an extension on the T/A status to allow us time to bring this well back to production.

Please see attached

Extension  
Approved Sept. 1, 2008

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Sherry Pack TITLE Regulatory Analyst DATE \_\_\_\_\_  
Type or print name Sherry Pack E-mail address: sherry\_pack@xtoenergy.com Telephone No. 432.620.6709

For State Use Only

APPROVED BY [Signature] TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE 7-8-08  
Conditions of Approval, if any:



AGU # 226

API - 30-025-31674

### **RECOMMENDED PROCEDURE**

1. MI and rack 3900' of 2-7/8" WS.
2. RUPU. TIH with 4 3/4" bit, 6 3 1/2" DC & WS. Tag up on TOC of CIBP located at 3540' (3 sx of cmt). Drill out CIBP and clean out to top of 4" liner at 3723'. TOH. TIH w/tbg & tie into on/off tool and release pkrs and pull two pkrs & 1 joint of 4" 8rd casing. POH.
3. TIH with composite CICR. Set CICR at 3500'. Rig up BJ and Squeeze perfs from 3622' to 3868' with cement 150 sx of Cl C with 10% BWOC A-10, 150 sx of Cl C with 2% Ca CL, and 150 sx of Class C Neat (Volumes to be adjusted based on Pump-in Rate/Pressure). Max Rate/Pressure: 3 BPM/1500 psi. SION.
4. TIH with 4-3/4" bit, 6-3 1/2" DC & WS. Drill out CIBP and cement to TD of 3795'
5. TIH with 3-3/8" perforating gun and perforate well as follows with 120 degree phasing, 0.38" hole size, and 38" penetration with 1 JSPF
  - a. Zone 3 - 3782-88 (6', 6 holes)
  - b. Zone 3 - 3768-73 (5', 5 holes)
  - c. Zone 2 - 3745-55 (10', 10 holes)
  - d. POH.
6. Test in hole with with 2-6' 2-7/8" subs, pkr & WS. Set pkr at 3725'. Monitor backside for communication. .
7. Rig up Petroplex and Stimulate well as follows Acidtrol System. Max Rate/Pressure: 2 BPM/900 psi.
  - a. Test lines
  - b. Break down perfs with 9# brine.
  - c. Pump 500 gals of 15% Acidtrol
  - d. Pump 500 gals of 9# brine with 1 ppg GRS mixed with 12 1.3 SG BS
  - e. Pump 500 gals of 15% Acidtrol
  - f. Pump 500 gals of 9# brine with 1 ppg GRS mixed with 12 1.3 SG BS
  - g. Pump 500 gals of 15% Acidtrol
  - h. Pump 500 gals of 9# brine with 1 ppg GRS mixed with 12 1.3 SG BS
  - i. Pump 500 gals of 15% Acidtrol
  - j. Flush with tubing/casing volume + 10 bbls 9# brine.
  - k. Shut well in for 1 hour.



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8. Open well back to pit through adjustable choke starting at 8/64". Open well in 8/64 increments until well flows down. Continue until well dies. Rig up swab and swab until it is determined productivity and oil/gas cut of well.
9. Pump pill as follows: Max Rate/Pressure: 2 BPM/800 psi.  
Mix 3 drums of T-175 and 5 gals of DP-61 in each transport of 9# brine. Also mix 5 gals of RN-211 each in three transports of 9# brine.
  - a. Pump 10 bbl spacer of 9# brine with RN-211
  - b. **Pump 40 bbls of T-175/DP-61 mixture.**
  - c. Flush with 100 bbls of RN-211 mixture.
  - d. Pump 1000 gals 9# brine with 1 ppg GRS
  - e. Pump 10 bbls of 9# brine spacer.
  - f. **Pump 40 bbls of T-175/DP-61 mixture.**
  - g. Flush with 100 bbls of RN-211 mixture.
  - h. Pump 1000 gals 9# brine with 1 ppg GRS
  - i. Pump 10 bbls of 9# brine spacer.
  - j. **Pump 40 bbls of T-175/DP-61 mixture.**
  - k. Flush with tubing volume plus 100 bbls of RN-211 mixture.
10. Shut well in 48 hours.
11. Flow well down and POH laying down plkr & WS. Determine production equipment to run and TIH with tubing and lift equipment and RWTP.

# WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 226

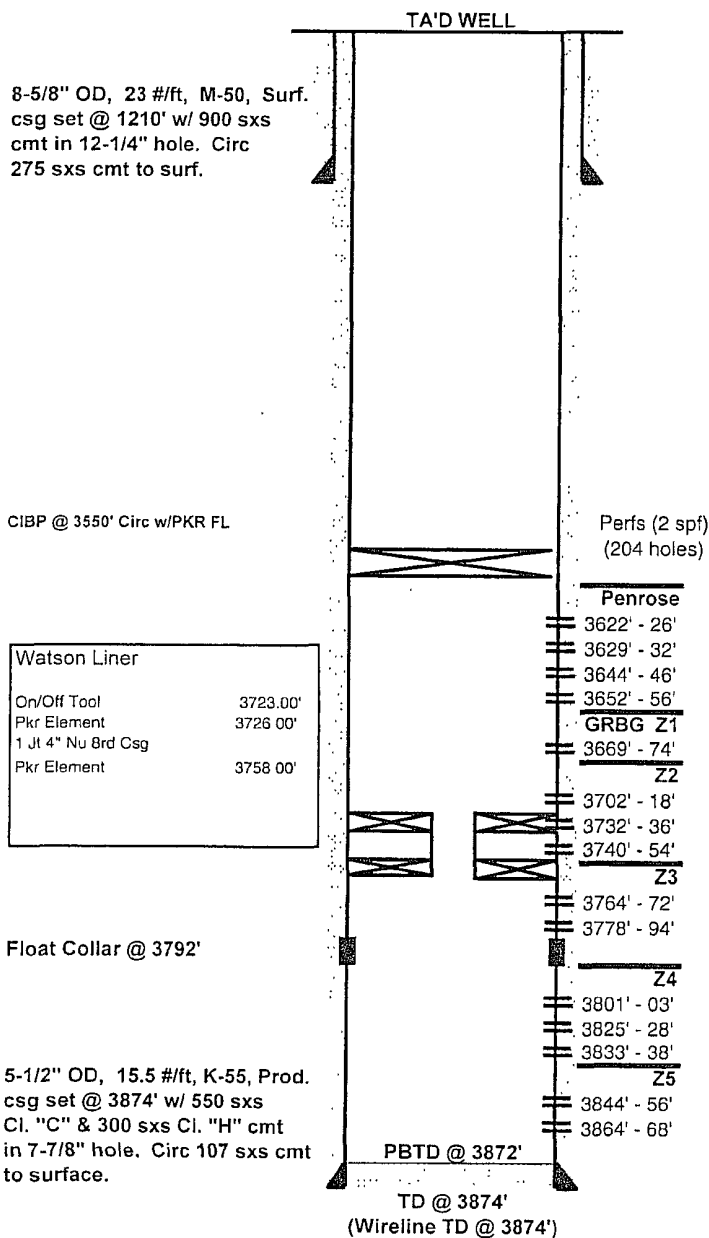
FORMATION: Grayburg

LOC: 1650' FNL & 560' FEL  
TOWNSHIP: 22-S  
RANGE: 36-E

SEC: 13  
COUNTY: Lea  
STATE: NM

GL: 3451'  
KB to GL: 13.5'  
DF to GL: 12.5'

CURRENT STATUS: Producer  
API NO: 30-025-31674  
CHEVNO: OS9128



Date Completed: 10/07/92

Initial Production: 26 BOPD / 624 BWPD / 26 MCFGPD

Initial Formation: Penrose/Grayburg From: 3622' To: 3868'

## Completion Data:

MIRU. RIH w/ 4-3/4" bit. Drill out cement 3620' to 3872' (PBTD). Run GR-CCL-CBL-CET log. Selectively perf, acidize w/336 gals 9/30, and swab test 3825' to 3868'. Selectively perf and acidize w/1450 gals 9/30 f/3622' to 3803'. Swab test 3622' to 3868'. Run prod equip. Set pumping unit. Place well on production.

## Workover History:

4/96 - TA'd TD @ 3870. RIH w/Watson 4" x 5 1/2" liner. Top element @ 3726 & Btm element @ 3758. Isolated perfs 3732'-36' & 3740'-54'.

6-24-03 CIBP set @ 3550', circ w/Pk Fl, tst csg & CIBP to 500 PSI, Good tst

## Additional Data:

T/Penrose @ 3474' (-9' subsea)

T/AGU @ 3615' (-150' subsea)

T/Grayburg Zone 1 @ 3658' (-193' subsea)

T/Grayburg Zone 2 @ 3693' (-233' subsea)

T/Grayburg Zone 3 @ 3761' (-296' subsea)

T/Grayburg Zone 4 @ 3794' (-329' subsea)

T/Grayburg Zone 5 @ 3839' (-374' subsea)

T/San Andres @ 3876'

FILE: WBS226.XLS

MRV: 12/29/97

