

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. 30-025-29093
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
8. Well Number #120
9. OGRID Number 005380
10. Pool name or Wildcat Arrowhead; Grayburg

Pit or Below-grade Tank Application ☐ or Closure ☐  
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 \_\_\_\_\_

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 MC-104 FOR SUCH PROPOSALS.)

1. Type of Well:  
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator  
XTO Energy, Inc.

3. Address of Operator  
200 N. Loraine, Ste. 800 Midland, TX 79701

4. Well Location  
Unit Letter D : 660 feet from the North line and 990 feet from the West line  
Section 36 Township 21S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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: <input type="checkbox"/>		OTHER: Acid Job <input checked="" 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.

When repairing a tubing leak, this well was acidized w/2,000 gals of 20% NEFE.

9/22/06 MIEU PU. POOH w/ rods & pmp. RIH w/4 jts 2-7/8", 6.5#, J-55, EUE, 8rd tbq. Tag fill @ 4,062'. SWI & SDON due to wind.

See Attached

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 1/29/2008

Type or print name Sherry Pack E-mail address: sherry\_pack@xtoenergy.com Telephone No. 432.620.6709

For State Use Only

APPROVED BY Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE FEB 06 2008

Conditions of Approval, if any:



**Arrowhead Grayburg Unit #120**

**API 30-025-29093**

**Form C-103 cont'd**

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- 9/23/06 RU Hydro-test tbg scanners. POOH scanning tbg. Tstd tbg to 5,000 psig below slips. Found 1 pin leak. RD Hydro-test trk. POOH w/14 jts 2-7/8" tbg. Leave pkr swinging above perfs. SWI & SDON.
- 9/26/06 RIH w/tbg. Set pkr @ 3,770' (EOT @ 3,867'). RU Acid trks. Test lines to 2,500 psig. Held ok. RU pmp trk. Press TCA to 300 psig. Monitor during job (pmpd dwn TCA @ 1.2 BPM & 320 psig during job). EIR of 1.1 BPM @ 210 psig w/5 bbls 9# brine wtr. Acidize Grayburg perfs from 3,774' to 3,873' w/2,000 gals 20% NEFE HCL Acid in 2 stages and mix 500 gals gelled 9# brine w/500# RS between stages. Flush w/35 bbls 9# brine wtr. AIP - 280 psig. AIR - 1.1 BPM. ISIP - 60 psig. 4" - vac. Max/Min press - 362/vac. RD Acid trks. RD pmp trk. Shut well in for 2 hrs. Rel pkr. POOH w/ tbg. Set pkr @ 3,593. RU Swab. Made 12 swab runs in 4 hrs. Rec 66 bbls wtr. Trace of oil. Small of gas. SWI & SDON
- 9/27/06 Rel pkr. POOH w/tbg & tools. PU & RIH 1 - 2-7/8" SN, 16 jts 2-7/8", 6.5#, J-55, EUE, 8rd tbg, 2-7/8" x 5-1/2" TAC & 113 jts 2-7/8", 6.5#, J-55, EUE, 8rd tbg. Load tbg w/13 bls wtr. Press tbg to 500 psig. Held ok. RDMO PU. RWTP.
- 10/01/06 Well tstd 21 BO, 133 BW & 44 mcf in 24 hrs. 8.8 SPM & 100" SL. 91% RT. FLAP - 341'
- 10/04/06 Well tstd 12 BO, 96 BW & 20 mcf in 24 hrs. 8.8 SPM & 100" SL. 72% RT. FLAP - 0'.

# WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 120

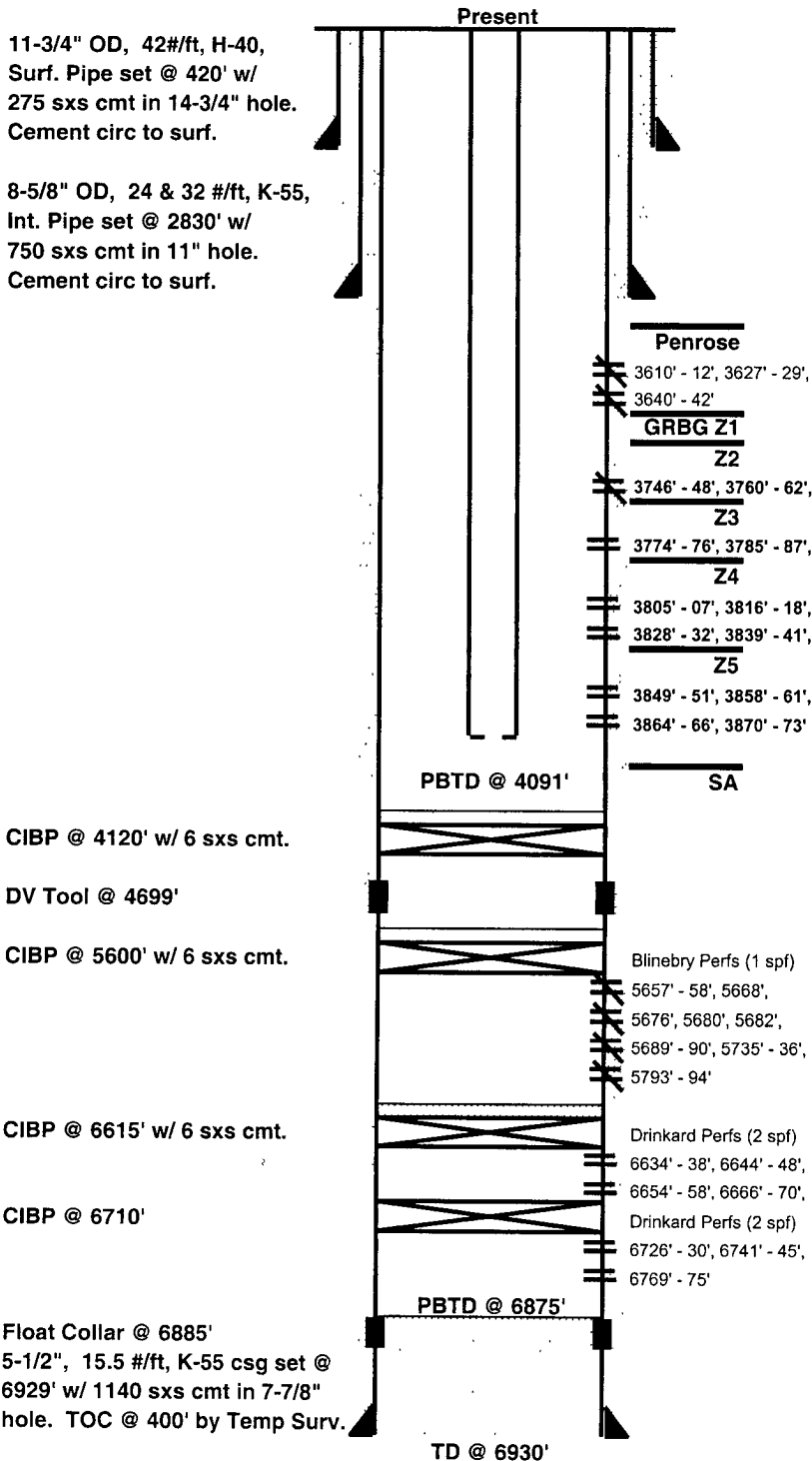
FORMATION: Grayburg

LOC: 660' FNL & 990' FWL  
TOWNSHIP: 21-S  
RANGE: 36-E

SEC: 36  
COUNTY: Lea  
STATE: NM

GL: 3519'  
KB to GL: 13.6'  
DF to GL: 12.6'

CURRENT STATUS: Producer  
API NO: 30-025-29093  
CHEVNO: FM2853



Date Completed: 3/15/85

Initial Production: 0 BOPD / 274 BWPD / TSTM MCFGPD

Initial Formation: Blinebry From: 5657' To: 5794'

Completion Data: Clean out to 6875' (PBTD) Ran GR-CCL log  
Selectively perforate Blinebry (1 spf - 12 holes) Breakdown perfs w/ 5000  
gallons 15% HCl and ballsealers. Swab back. Fracture treat w/ 92,500  
gallons gel and 213,000 lbs 20-40 sand at 1/2 to 7 ppg. Swab test. Run  
prod. equipment.

## Workover History:

05-02-85 Cement sqz Blinebry perfs w/ 150 sxs and test to 500 psi.  
Selectively perf Drinkard formation 6726' - 6775' (2 spf - 28 holes).  
Breakdown perfs w/ 3000 gallons 20% HCl and ballsealers Swab test.  
Trace oil. Set CIBP @ 6710' Selectively perf Drinkard formation 6634' -  
6670' (2 spf - 32 holes) Breakdown perfs w/ 4000 gallons 15% HCl and  
ballsealers Swab test trace oil. Run prod equip. Pumping 0 BOPD / 76  
BWPD / TSTM MCFGPD

11-12-85 Wireline set CIBP's @ 6615', 5600', and 4120' capping each w/  
6 sxs cement. Test csg to 1000 psi. Selectively perf Penrose formation  
(Eumont Field) 3610' - 3642' (2 spf - 12 holes) Acidize w/ 3000 gallons  
15% HCl and ballsealers. Swab test. Run prod. equip Pumping 0 BOPD  
/ 168 BWPD / 60 MCFGPD

12-05-85 Cement sqz Eumont perfs w/ 950 sxs cement Clean out to  
4091' (New PBTD) Test csg & sqz perfs to 500 psi. Held Selectively  
perf Grayburg 3746' - 3866' (2 spf - 40 holes). Acidize w/ 3000 gallons  
15% HCl. Ran prod. equip Pumping 100 BOPD / 327 BWPD / 40  
MCFGPD.

09-11-86 Conduct pressure buildup test.

06-03-88 Scale inhibitor treat

08-30-88 Scale inhibitor treat

08-30-89 Scale inhibitor treat.

02-14-90 Scale inhibitor treat.

06-20-90 Scale inhibitor treat

05-27-94 POOH w/ prod equip laying down tubing RIH w/ new tbq & bit  
to tag @ 4060' (31' fill). Run cement evaluation logs. Swab test perfs by  
zone. Swab test sqz'd perfs and casing (negative pressure test) and  
tested no fluid entry. Add perfs 3830' - 32', 3858' - 61', and 3870' - 73'.  
Acidize new and old perfs using 1000 gallons 15% HCl and PPI pkr. Swab  
back load. Place well on subpump test. Prod 7 BOPD/ 1939 BWPD/ 65  
MCFGPD w/ FL @ pump. Place well back on rod pump.

08-12-94 MIRU and run isolation assembly (wtr shut off) 3740' to 3792' (zn  
2 & 3). Set pkr asmbly & isolate perfs 3746' - 3787' RIH w/ prod TBG,  
leave well on hand & TO to prod

09-95 Shut well in.

03-26-97 POOH w/ isolation assembly Try to acdz below Z2, but comm --  
acdz entire wellbore w/ 2500 gal Sqz 3746'-62' w/ 150 sxs FE above  
3700' (2BPH). Re-sqz Penrose-Z2 w/ 75 sxs (no FE) TO to prod

## Additional Data:

T/Queen @ 3382'

T/Penrose @ 3499'

T/AGU @ 3670'

T/Grayburg Zone 1 @ 3671'

T/Grayburg Zone 2 @ 3710'

T/Grayburg Zone 3 @ 3768'

T/Grayburg Zone 4 @ 3804'

T/Grayburg Zone 5 @ 3849'

T/San Andres @ 3888'