

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. 30-025-31534
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 #211
9. OGRID Number 005380
10. Pool name or Wildcat Arrowhead Grayburg
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
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 _____

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	7. Lease Name or Unit Agreement Name: Arrowhead Grayburg
2. Name of Operator XTO Energy, Inc.	8. Well Number #211
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701	9. OGRID Number 005380
4. Well Location Unit Letter <u>P</u> : <u>330</u> feet from the <u>South</u> line and <u>420</u> feet from the <u>West</u> line Section <u>12</u> Township <u>22S</u> Range <u>36E</u> NMPM County <u>Lea</u>	10. Pool name or Wildcat Arrowhead Grayburg
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: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Stimulate <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.

After a tubing failure this well was stimulated.

2/13/2007 MIRU PU. POOH w/rods. SWI. SDON.

2/14/2007 POOH w/tbg. RIH w/Sonic Hammer tool on 118 jts of 2-7/8", 6.5#, j-55, EUE, 8rd tbg. SWI & SDON.

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 #211**

**API 30-025-31534**

**Form C-103 cont'd**

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- 2/15/07 RIH w/Sonic hammer tool on 2-7/8" production tbg to 3,795'. RU Cudd Srvcs. Washed perfs fr 3,608' - 3,795' w/166 bbls of 9# brine wtr while circ to 1/2 pit. Circ hole clean. SI backside. Acidize perfs w/4,000 gals of 20% HCL using Sonic Hammer. Flushed acid to btm w/30 BW. Dropped ball to shear sleeve in tool. BLWTR 212. Avg rate -5.1 BPM. Avg tbg press - 1,500 psig. Avg csg press - 0 psig. 5" SITP - 0 psig (vac). RD Cudd. SD for 1 hr. RU swab equip. BFL @ 1,170' FFS. Made 10 swab runs in 4 hrs. Rec 0 BO & 60 BW. EFL @ 1,900' FFS. RD swab. SWI & SDON.
- 2/16/07 SITP 0 psig. RU swab equip. BFL @ 1,800' FFS. Made 27 swab runs in 10 hrs. Rec 162 BW. Showed very little gas w/each swab run. EFL @ 2,100' FFS. RD swab. SWI & SDON. Note: (First swab run had 40% oil cut). Note: DWC includes New rod string D-90
- 2/17/07 RIH w/rods. POOH LD rods. POOH w/tbg, LD sonic hammer, RIH w/MA, pmp bbl, 7 jts of 2-7/8", 6.5#, J-55, EUE, 8rd, 5-1/2" TAC, 112 jts of 2-7/8", 6.5#, J-55, EUE, 8rd. ND BOP. Set TAC w/12pts of tens. NU WH. SWI & SDON.
- 2/18/07 RIH w/1-1/2" gas anchor, 2.5" x 2.25" x THBC x 24' x 3' x 4' plngr (DC-956), 2 - 1-1/2", K-bars, 4' x 7/8" pony sub, 10 - 1-1/2" K-bars, 76 - 7/8" D-90 rods, 60 - 1" D-90 rods & 1-1/2" x 26' SMPR. SWO & HWO. Pmpd up in 15 strokes to 500 psig. Held ok. RDMO PU. RWTP
- 2/20/07 In 24 hrs, well made 16 BO, 483 BW & 10 MCF. Running @ 100% on POC w/2,418 FAP.
- 3/4/07 In 24 hrs, well made 23 BO, 464 BW & 17 MCF. Running @ 100% on POC w/1,187 FAP.

# WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 211

FORMATION: Grayburg

LOC: 330' FSL & 420' FEL  
TOWNSHIP: 22-S  
RANGE: 36-E

SEC: 12  
COUNTY: Lea  
STATE: NM

GL: 3442'  
KB to GL: 13'  
DF to GL: 12'

CURRENT STATUS: Producer  
API NO: 30-025-31534  
CHEVNO: OQ-9523

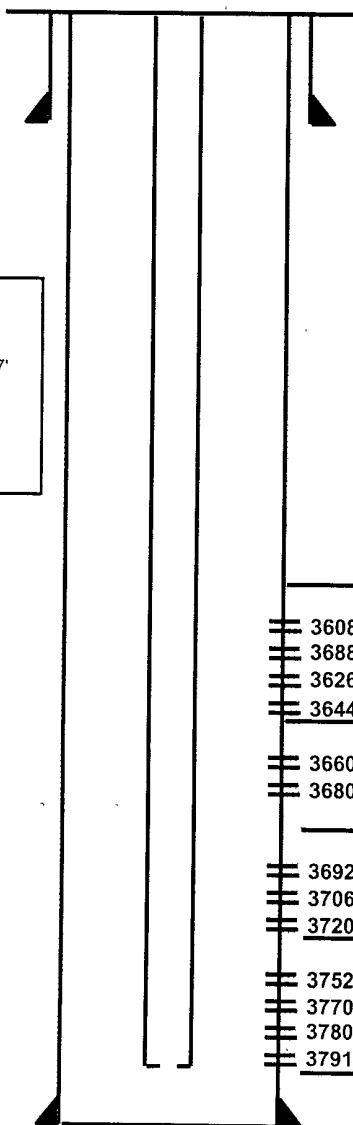
8-5/8" OD, 23# Surf pipe  
set @ 1135' w/ 850 sxs  
Circ. cmt to surf.

## Tubing Detail: 06/17/92

KBTH	11 00'
125 Jts 2-7/8" J-55 8-rd	3746.77'
SN	1 10'
perf sub	4.00'
MAJ w/ BP	31 13'
Landed @	3794.00'

5-1/2" OD, 15.5# csg  
set @ 3805' w/ 1125 sxs cmt.  
Circ. 321 sxs to Surf.

FILE: WBS211.XLS  
LCJl: 5/13/99



Date Completed: 06/22/92

Initial Production: 49 BOPD/203 MCFGPD/306 BWPD

Initial Formation: Grayburg From: 3626' To: 3776'

## Completion Data:

05-27-92 Drill to 3805' Log SCHL DLL-MSFL-CAL-GR, CNL-CDT-GR. Circ hole & run 5-1/2" csg. DO cmt & circ hole clean. **Selectively perf 3608'-3690'** (AGU - Zn 1) w/ 2 SPF. **Selectively ACDZ** (PPI pkr) w/ 84 gals 15% NEFE HCL. **Swb** Rec 1 BO + 17 BW / 8 runs, FER 2 BPH **Selectively perf 3626'-3795'** (AGU - Zn 2) w 2 SPF. **Selectively ACDZ** (PPI pkr) w/ 1,008 gals 15% NEFE HCL **Swb 3608'-3795'** (AGU - Zn 3) Rec 2 2 BO + 77 BW (Fair blow gas after each run) / 17 runs; SFL @ 2400', FER 19 BPH. **Swb 3752'-95'** (Zn 3) Rec 10 BF (5% OC); FER 1.5 BPH **Swb 3702'-42'** (Zn 2) Rec 44 BF (3% OC); FER 21 5 BPH. **Swb 3608'-98'** (AGU - Zn 2) Rec 39 BF (3% OC), FER 19 5 BPH **Swb 3608'-74'** (AGU - Zn1) Rec 72 BF (5% OC); FER 24 BPH **Re-Perf 3770'-76'** (Zn 3) w/ 2 SPF & **Re-ACDZ** w/ 252 gals 15% NEFE HCL **Swb 3770'-3795'** (Zn 3 & 4) Rec 43.5 BW (1% OC, last run) / 8 runs in 2 hrs ; SFL @ 2200', FER 22 BPH TIH w/ prod tbg & TO to production

06-23-92 Test pump 95 BOPD + 206 MCFGPD + 266 BWPD

## Workover History:

11-25-96 Acdz w/5000 gals Resisol II

5-13-99 Acdz w/5450 gals HCL

## Additional Data:

T/Queen @ 3328'  
T/Penrose @ 3450'  
T/AGU @ 3605'  
T/Grayburg Zone 1 @ 3650'  
T/Grayburg Zone 2 @ 3686'  
T/Grayburg Zone 3 @ 3748'  
T/Grayburg Zone 4 @ 3786'  
T/Grayburg Zone 5 @ 3833'  
T/San Andres @ 3874'

T/AGU

3608' - 18'

3688' - 90'

3626' - 30'

3644' - 53'

Z1

3660' - 74'

3680' - 84'

Z2

3692' - 98'

3706' - 14'

3720' - 42'

Z3

3752' - 62'

3770' - 76'

3780' - 86'

3791' - 95'

Z4

TD @ 3805'

