

Submit 3 Copies 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  
May 27, 2004

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

WELL API NO. 30-025-31388
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 212
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 ☐ Gas Well ☐ Other ☒ Injection

2. Name of Operator

XTO Energy, Inc.

3. Address of Operator

200 N. Loraine Ste. 800 Midland, TX 79701

4. Well Location

Unit Letter M : 630 feet from the South line and 660 feet from the West line

Section 7 Township 22S Range 37E NMPM County Lea

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

KB 3442' GL 3436'

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 \_\_\_\_\_

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 ☐

OTHER: Sidetrack - Drill outside Casing ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

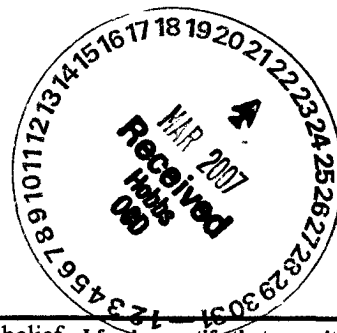
COMMENCE DRILLING OPNS. ☐ P AND A ☐

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. Rig up and set cement retainer at 3513'. Squeeze with 75 sx of Class C w/ 2% CaCl2 cement.
2. TIH w/ Whipstock and set at 3510. Cut window from 3500-350 and sidetrack well to a TVD of 3780'. Circulate clean and POH.
3. TIH with 3-1/2" x 4-3/4" OH packer, 3-1/2" liner, 3-1/2" x 5-1/2" packer with on/off tool. Circulate packer fluid behind 3-1/2" liner. Set OH packer at 3680 and set top packer at 3450'. POH.
4. Notify NMOCD of intent to perform MIT. TIH with tubing and stab into on/off tool. Release and circulate packer fluid. Reseat in on/off tool. Test tubing casing annulus to 500 #.
5. Pump 2000 gals of 20% NEFE Acid. Flush.
6. Return well to injection.



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 Kristy Ward TITLE Regulatory Analyst DATE 03/20/07

Type or print name Kristy Ward E-mail address: kristy\_ward@xtoenergy.com Telephone No. 432-620-6740

For State Use Only

APPROVED BY: Darryl W. Wink TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

# WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 212 WIW

FORMATION: Grayburg

LOC: 630' FSL & 660' FWL

SEC: 7

GL: 3436'

CURRENT STATUS: Injector

TOWNSHIP: 22-S

COUNTY: Lea

KB to GL: 6'

API NO: 30-025-31388

RANGE: 37-E

STATE: NM

DF to GL: 5'

CHEVNO: ON7766

8-5/8", 23 #/ft, M-50, csg  
@ 1120' w/ 713 sxs cmt.  
Circ. 150 sxs to surf.  
12-1/4" hole.

## Tubing Detail: 12-06-99

KBTH: 6'  
114 jts 2 3/8 polylined tbg  
Howco G-6 Pkr w/1.43 "F" nipple  
and XL on-off tool

Landed @: 3552'

Howco G-6 Pkr @ 3552'

Ext. Csg Pkr @ 3654'

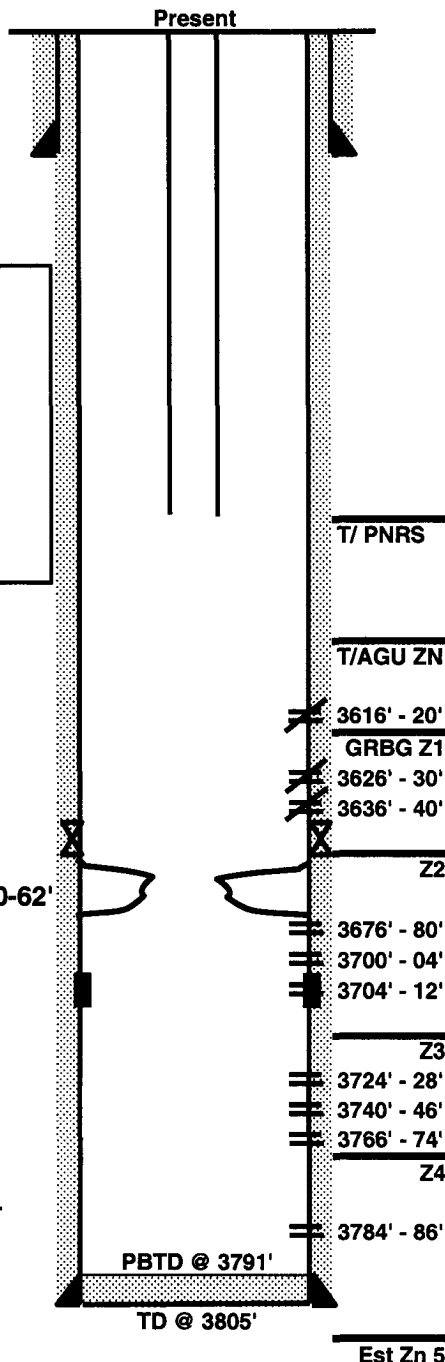
Obstruction @ 3660-62'

Float Collar @ 3708'

5-1/2", 15.5 #/ft., K-55,  
csg @ 3795' w/ 850 sxs cmt.  
Circ. 121 sxs to surf.  
7-7/8" hole.

FILE: WBS212.XLS

Last Updated: 4/10/00



Date Completed: 03-11-92

Initial Injection: 1001 BWPD

Initial Formation: Grayburg

From: 3616' To: 3786'

## Completion Data:

02-02-92 MIRU. Drill to 3805' & log ATLAS DN-CNL-GR; DLL-MLL & FMT; loggers TD @ 3801'. Run 90 Jts. 5-1/2" csg, FC @ 3708'.  
02-17-92 MIRU completion rig. DO to 3791'. Run CBL-CET log. Perf. 3626-30', 3636-40' (Zn 1) & 3700-04' (Zn 2) w/ 2SPF. Swb Rec 28 BW/5 runs & swb dry; IFL @ surf, FFL 3587'. After swb FL @ 3400', FER 1.1 BPH. ACDZ w/ 150 gals. Swb Rec Ttl 26 BF in 3 attempts w/ Ttl 8 runs. Last run FL @ 3000', FE 587'/hr. Rec 3.4 BF, 50% oil & 50% wtr. Perf 3616-20' (AGU), 3676-80', 3704-12' (Zn 2), 3724-28', 3740-46', 3766-74' (Zn 3) & 3784-86' (Zn 4). Swb 1hr. Rec 12 BW/4 runs & Swb dry. Selectively BD and ACDZ w/ 525 gals NEFE HCL as follows: 100 gals in perfs 3704' - 3712' and 50 gals in all other perf sets. Swb 3 hrs. Rec 28 BF/6 runs (3% oil & 97% wtr) and swb dry. FL @ 2400', FER 3-4 BPH. Run injection tbg.

## Workover History:

03-11-92 Inj. rate 1001 BWIPD, Tbg on vacuum.

06-02-98 W/CTU: ACDZ perfs 3616-3786' w/2000 gal 15% HCL w/70Q foam down backside as diverter.

11-24-99 Acdz perfs 3616'-3786' w/2000 gals 15% NEFE HCL. Dmp 2500# 20/40 sd, wash sd to 3655'. Acdz 3616'-3640' w/1000 gals 15% HCL. Sqz perfs 3616'-3640' w/200 sx cmt. DO cmt to 3855', wash sd to 3791'.

9-29-06 Rig up to run dual packer and found tight spot in casing @ 3660-62'. POH and ran RBP and set @ 3504'.

## Additional Data:

T/Queen @ 3305'

T/Penrose @ 3423'

T/AGU @ 3592'

T/Grayburg Zone 1 @ 3623'

T/Grayburg Zone 2 @ 3664'

T/Grayburg Zone 3 @ 3735'

T/Grayburg Zone 4 @ 3774'

TD @ 3805'

T/Grayburg Zone 5 @ 3817'

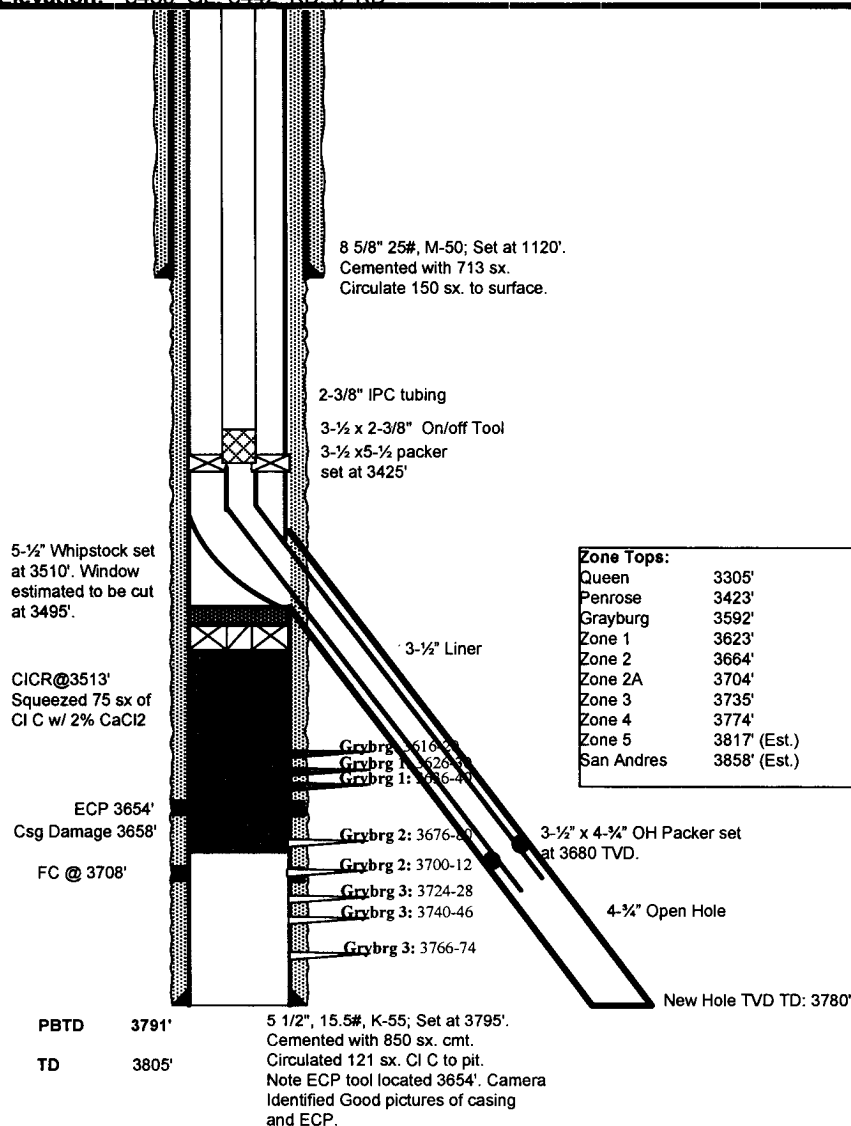
T/San Andres @ 3858'

# XTO ENERGY



Well: Arrowhead Grayburg #212  
 Area: Eunice  
 Location: 630' FSL & 660' FEL  
 Sec 7 T22S R36E  
 County: Lea  
 Elevation: 3436' GL: 3442' KB: 6' KB

WI: 55.59%  
 NRI: 46.9882%  
 Spud: 3/11/1992  
 State: New Mexico



PREPARED BY: Greg Hicks

DATE: 3/20/07