

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. 30-025-04916
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 124
9. OGRID Number 005380
10. Pool name or Wildcat Arrohead: Grayburg

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3559' GL

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type Steel Depth to Groundwater 150 Distance from nearest fresh water well 1000+ Distance from nearest surface water 1000+
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbs; 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 ☐ Gas Well ☐ Other INJECTOR

2. Name of Operator
XTO Energy Inc.

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

4. Well Location
Unit Letter G : 1980 feet from the North line and 1980 feet from the East line
Section 35 Township 21-S Range 36-E NMPM Lea County NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3559' GL

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type Steel Depth to Groundwater 150 Distance from nearest fresh water well 1000+ Distance from nearest surface water 1000+
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbs; 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"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPLETION <input type="checkbox"/>	OTHER: <input type="checkbox"/>
OTHER: <input 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.

4/4/05 MI&RU PU. NDWH & NU BOP. RIH & tagged cmt @ 519'. Drld hard cmt to 710' & fell free. Circ hole clean. Set CIBP @ 3725'. RIH w/88 jts of 4-1/2" 11.35# J-55 flush joint liner to 3722'. Mix & pmpd 110sx C1 C cmt w/additives. Circ 40 sx to surface. DO cmt & CIBP. DO to 4005'. Acidized Grayburg OH (3747-4005') w/5000 gal 15% NEFE @ 4.3 BPM & 1364 psig using 2750# GRS as diversion. ISIP 345 psi, 5 min vac. RIH w/pkr & 119 jts 2-3/8" inj tbg. Tbg set @ 3712', pkr @ 3708'. Run 30" MIT test on 4/13/05. Test witnessed by Buddy Hill w/OCD. Well returned to injection. Chart submitted w/Form C-103, dated 4/18/05

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Janice Courtney TITLE Regulatory Tech DATE 4/25/05
Type or print name Janice Courtney E-mail address: Janice_Courtney@xtoenergy.com
Telephone No. 432/682-8873

For State Use Only
APPROVED BY Chris Williams TITLE DISTRICT SUPERVISOR/GENERAL MANAGER DATE APR 28 2005
Conditions of Approval, if any:

UPDATED WELLBORE DIAGRAM

FIELD: Arrowhead

WELL NAME: AGU No. 124 WIC

FORMATION: Grayburg

LOC: 1980' FNL & 1980' FEL
TOWNSHIP: 21-S
RANGE: 36-E

SEC: 35
COUNTY: Lea
STATE: NM

GL: 3559'
KB to GL: 8.5'
DF to GL: 7.5'

CURRENT STATUS: Injector
API NO: 30-025-04916

9-5/8" OD ARMCO Spiral
 Surf. Pipe set @ 291'
 w/ 250 sxs cmt. Cmt
 circ. to surf.

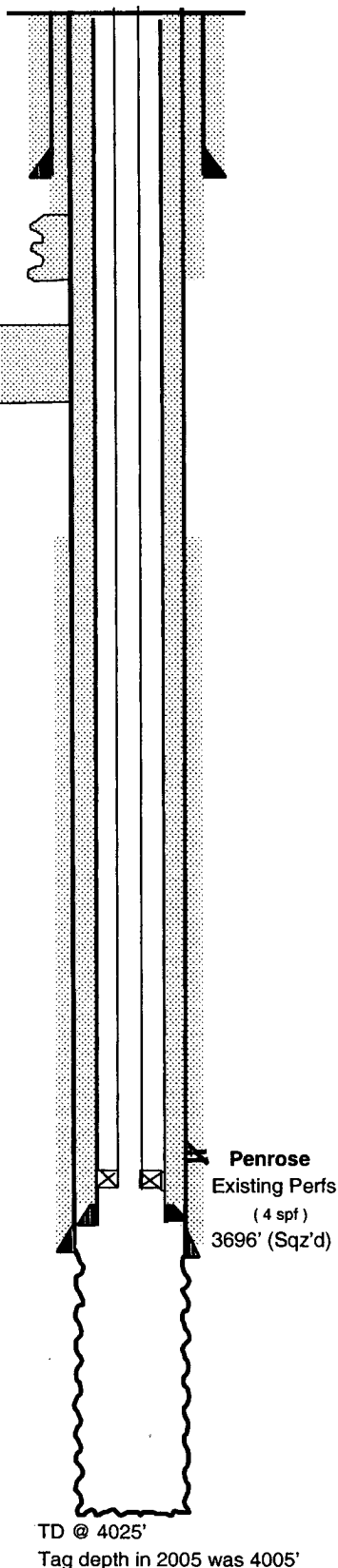
Csg Leak 288' to 326' cmt
 sqz'd w/ 200 sxs. Circ.
 back to surf. (1974)

Csg Leak @ 652'
 Attempted squeeze three
 times (2004)
 1) 23 sx SqueezeCrete
 2) perf'd 4 spf @ 652', 38 sx SqueezeCrete
 3) 100 sx Class C

5-1/2" OD, 14 #/ft, Grade "H"
 csg set @ 3747' w/ 350 sxs
 cmt. TOC @ 1445' by calc.

4 1/2" OD, 11.35 #/ft J-55 FJ liner
 set @ 3722, cmt'd with 110 sx CI C
 Circ 40 sx to surface

4-3/4" Open Hole



Date Completed: 4/08/41

Initial Production: 397 BOPD / 0 BWPD / 423 MCFGPD

Initial Formation: Penrose/Grayburg **From:** 3748' **To:** 3856'

Completion Data: Completed Natural. Flowing.

Workover History:

06-08-45 Acidize w/ 1000 gallons.
 02-04-50 Ran pkr and set at 3636'.
 03-26-51 Acidize w/ 1000 gallons 15% NEFE acid.
 04-13-51 Ran gas lift equipment.
 03-10-53 Place well on rod pump. Pmpg 51 BOPD/231 BWPD/ 112 MCFGPD.
 09-11-53 Replace tubing string. Pmpg 55 BOPD/260 BWPD/125 MCFGPD.
 03-03-60 POOH w/ prod. equip. Run GR-Neutron log. Plugback w/ Hydromite. Ran open hole pkr & set @ 3758'. Frac open hole 3758' to 3811' w/ 15,000 gallons oil and 1 to 3 #/gal sand in 3 stages. Clean out to bottom. Place well on flowing production.
 03-24-60 RU to sqz gas channel. Kill well. POOH w/ tbg. Fill hole w/ sand to 3764'. Dump Hydromite. Perf csg at 3696'. Set CICR @ 3674'. Cement sqz perfs at 3696'. Drill out and test to 1000 psi. Clean out to 3811'. Place well on flowing completion from 3790' to 3811'.
 07-19-74 Isolate csg leak from 288' to 326'. Cement sqz leak w/ 200 sxs and circ back to surface. Drill out and test to 600 psi. Acidize formation w/ 1000 gallons 15% NEFE acid. Return to flowing production.
 11-13-78 Acidize down tubing w/ 750 gallons. Return to flowing production.
 07-02-79 Acidize down tubing w/ 750 gallons. Well would not flow.
 08-24-81 Dump acid job down csg w/ 840 gallons 15% HCl.
 11-26-85 Dump acid job down csg w/ 500 gallons 15% HCl followed by 110 gallons scale inhibitor.
 03-06-91 Dump acid job down csg w/ 1000 gallons 15% HCl.
 03-16-93 POOH w/ prod. equip. Test csg to 500 psi. Deepen well from 3811' to 4025'. Run logs. Acidize w/ 1675 gallons. Swab test. Run injection equip.
 8/20/99: Seat Vortech Tool in packer
 11/2004 Well failed MIT, Csg leak @ 652', Attempted squeeze 3 times, unsuccessful, Shut well in for evaluation
 4/2005 Set CIBP @ 3725', RIH w/ 88 jts of 4 1/2" 11.35# J-55 Flush joint liner to 3722', Mix & Pump 110 sx CL C cmt w/ 0.7% BA-10A, 0.8% CD-32, 3% KCL, 0.2% SMS & 1% EC-1. Circulated 40 sx to surface. DO cmt & CIBP, DO to 4005', Acidz Grayburg OH (3747-4005) w/ 5000 gal 15% NEFE @ 4.3 BPM & 1364 psi using 2750# GRS as diversion, ISIP 345 psi, 5 min vac, RIH w/ packer & 119 jts 2 3/8" injection tubing (118 jts IPC & 1 jt duoline), set packer @ 3708'. Run 30 min MIT test on 4/13/05 (test witnessed by Buddy Hill) & returned well to injection

