

June 19, 2008

Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 87003
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
JUN 19 2009
HOBBSCO

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

WELL API NO. 30-025-08748
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 156
9. OGRID Number 005380
10. Pool name or Wildcat Arrowhead; Grayburg
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection <input checked="" type="checkbox"/>	7. Lease Name or Unit Agreement Name: Arrowhead Grayburg Unit
2. Name of Operator XTO Energy, Inc.	8. Well Number 156
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701	9. OGRID Number 005380
4. Well Location Unit Letter <u>G</u> : <u>1980'</u> feet from the <u>North</u> line and <u>1980'</u> feet from the <u>East</u> line Section <u>2</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 ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: Repair Leak & RWTI

☒

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.

- MIRU. ND WH. NU BOP. Rel pkr. POOH w/2-3/8" Due-lined tbg & pkr. MI 4000' 2-7/8", 6.5 ppf, N-80 WS.
- RIH with notched collar, scraper & 2-7/8" WS. Space scraper 9 jts above notched collar to stay in csg Circulate hole clean with fresh water. POOH w/2-7/8" WS, scraper and notched collar.
- RIH w/RBP, pkr & 2-7/8" WS. Set RBP @3640'. Load hole w/fresh water. Move pkr to 3400'. Test squeezed Eumont perms below pkr to 500 psig. Locate leak.

Procedure Cont'd. on next page.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kristy Ward TITLE Regulatory Analyst DATE 06/17/09Type or print name Kristy Ward E-mail address: kristy_ward@xtoenergy.com PHONE 432-620-6740

For State Use Only

APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR DATE JUN 23 2009

Conditions of Approval (if any):

Arrowhead Grayburg Unit #156 WIW
Repair Leak & RWTI
Cont'd.

4. RU acid company to acidize Grayburg via 2-7/8" tbg with a total of 3000 gals of 15% 90/10 Hcl. Acid with 3000 gals of 30lb gelled water with 1 ppg rock salt at a max rate/pressure of 2 BPM / 1500 psig. (see below)
 - a. Establish inj rate of 2 BPM not exceeding 1500 psi.
 - b. 1000 gals of 15% 90/10 Acid
 - c. 1000 gals of 30lb gelled fresh water with 1 ppg rock salt
 - d. 1000 gals of 15% 90/10 Acid
 - e. 1000 gals of 30lb gelled fresh water with 1 ppg rock salt
 - f. 1000 gals of 15% 90/10 Acid
 - g. 1000 gals of 30lb gelled fresh water with 1 ppg rock salt
5. RD Acid Crew. Open up well and backflow until dead.
6. POOH & LD WS. RIH with 5-1/2" injection packer, on/off tool, SN and 2-3/8" Duo-lined tubing. Set packer @ 3640'. Circulate packer fluid. If pressure test is ok, ND BOP and NU wellhead.
7. Notify NMOCD to perform MIT. RDMO. RWTI at initial rate/pressure set points.

AGU #156

WELLBORE DIAGRAM

WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 156 WIC

FORMATION: Grayburg

LOC: 1980' FNL & 1980' FEL
TOWNSHIP: 21-S
RANGE: 35-E

SEC: 35
COUNTY: Lea
STATE: NM

GL: 3549 0'
KB to GL: 11.8'
DF to GL: 10.0'

CURRENT STATUS: Injector
API NO: 30-025-08748
CHEVNO: FA9808

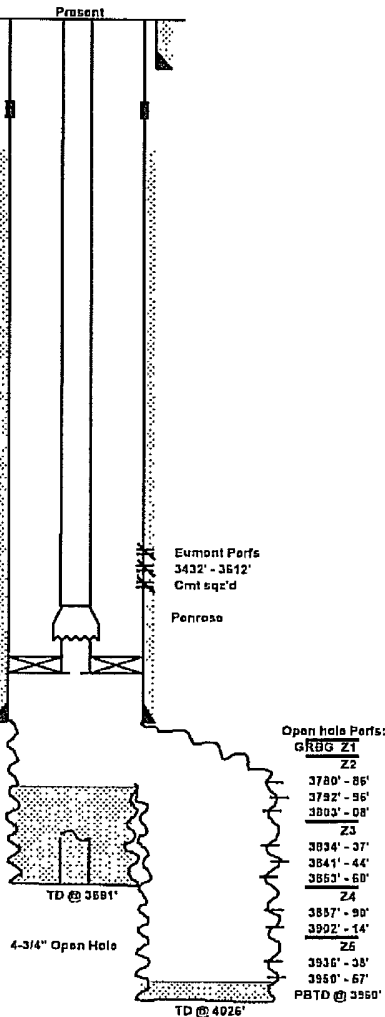
10-3/4" OD, 32.75 #/ft,
Surf. Pipe set @ 312'
w/ 260 sxs cmt. TOC ?

Casing patch @ 719'

Tubing Detail: 12/18/82
KSTH 11 00'
118 Jts 2-3/8" Dual-line tbg 3642 66'
On-Off tool w/ 1.43" F" nipple 1.05'
Elder Lok-Set type pkr (Pickle plug) 3 69'
Landed @ 3652 60'

5-1/2" OD, 17# csg set @ 3712',
w/ 900 sxs cmt. Csg shoe at
3780' on HLS Spectral Density-
Neutron log dated 8/4/91,
5-1/4" hole. TOC ?

Top Of Fish @ 3760'
(3 Jts 2-7/8" tbg.)



FILE: WBS156.XLS
LCJL 4/12/89

DATA

Date Completed: 8/2/40

Initial Production: 1704 BOPD / 0 BWPD / 720 MCFGPD

Initial Formation: Grayburg From: 3712' To: 3839'

Completion Data: Completed Natural. Flowing.

Workover History:

12-11-47 Deepen to 3878'. Run 4" liner from 3672' to 3878' w/ 50 sxs cmt. Perf 3825' - 66'. Acidize w/ 500 gallons.

03-11-55 Acidize w/ 1,500 gallons 15% HCl.

02-23-57 Perf Eumont 3432' - 3612'. Frac w/ 12,000 gallons w/ 1 ppg sand. Dual completion.

01-09-62 Cut tbg @ 3620' w/ pkr, left at 3650'. Cut casing at 719'. Run casing patch at 719'.

03-01-68 Shut-in Grayburg.

08-27-81 Clean out to 3878'. Perf 3761' - 3859'. Acidize w/ 3,360 gallons 15% HCl.

09-30-81 Shut-in Grayburg.

01-21-88 Cement sqz Eumont 3432' - 3612' w/ 200 sxs. Acidize Grayburg 3761' - 3866' w/ 5,040 gallons. Liner collapsed 3672' 3755'.

10-03-88 Milled out liner. Acidized 3712' - 3878' w/ 3,780 gallons 15% HCl.

07-15-91 POOH w/ prod. equip. Test csg. Drill/mill on junk to 3891'. Set kick-off cmt plug and cmt tbg in hole. Fish tbg to TOF @ 3760'. Set kick-off cmt plugs. Sidetrack hole to 4026'. Run logs. Swab test San Andres. Plug back w/ cmt fl 4026' to 3761'. Drill out to PBTD at 3960'. Acidize w/ 1,500 gallons 15% HCl. Swab test. No fluid entry. Perf open hole. Acidize w/ 1,500 gallons 15% HCl. Place well on pump test.

12-16-92 Run injection equipment.

1-15-98 Rpr Csg Leak . Found and replace one collar leak. (1 jt above pkr).

Additional Data:

T/Penrose @ 3540'

T/AGU @ 3709'

T/Grayburg Zone 1 @ 3724'

T/Grayburg Zone 2 @ 3762'

T/Grayburg Zone 3 @ 3830'

T/Grayburg Zone 4 @ 3868'

T/Grayburg Zone 5 @ 3918'