

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 87401
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Geology, Minerals and Natural Resources
RECEIVED
FEB 06 2009
OIL CONSERVATION DIVISION
HOBBS
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
June 19, 2008

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.)		WELL API NO. 30-025-04928
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☒		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator XTO Energy, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701		7. Lease Name or Unit Agreement Name: ARROWHEAD GRAYBURG UNIT
4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line Section <u>36</u> Township <u>21S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number #142
		9. OGRID Number 005380
		10. Pool name or Wildcat 3040 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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Repair casing leak ☒

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.

8/11/2006 MIRU PU
8/18/2006 - 9/06/2006 Locate holes in csg from 300-400'. Squeezed w/250 sx Class C cement w/2%CaCL.
RIH with 4-1/2" 11.6# Ultra FJ liner. Set @ 3800'. Cement w/400 sx Schlumberger PVL cement w/additives.
9/07/2006 - 9/08/2006 RUN GR/CCL/CBL logs from 3805' to 800'. Found TOC @ 1560'. Perf'd Grayburg zones.
fr 3705'-3720', 3745'-3752', 3765-3773' (6 jspf, 180 holes) RU acid truck. Spot 100 gals 20% NEFE HCL acid
over perfs fr 3705' - 3773'. Acidize Grayburg perfs fr 3705' to 3773' w/6000 gals 20% NEFE HCL acid &
mix 1000 gals 30# gelled brine w/1000# grated RS between ea stage of acid.
9/13/2006 Top Perf: 3705' Btm Perf: 3773' 2-3/8" tbg @ 3655' RDMO.RWTP.

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 Sherry Pack TITLE Regulatory Analyst DATE 2/4/2008
sherry_pack@xtoenergy.com
Type or print name Sherry Pack E-mail address: sherry_pack@xtoenergy.com PHONE 432.620.6709

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE FEB 10 2009
Conditions of Approval (if any):

WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: AGU No. 142

FORMATION: Grayburg

[Orig. H. Leonard (NCT-C) #1]

LOC: 660' FSL & 1980' FWL
TOWNSHIP: 21-S
RANGE: 36-E

SEC: 36
COUNTY: Lea
STATE: NM

GL: 3515'
KB to GL: 8'
DF to GL: 7'

CURRENT STATUS: Producer
API NO: 30-025-04928
CHEVNO: FA6067

10-3/4" OD Surf Pipe set @
280' w/ 250 sxs cmt.
Circ. cmt to surf.

Holes located from 300-400'
Sqz with 250 sx C w/2% CaCl2

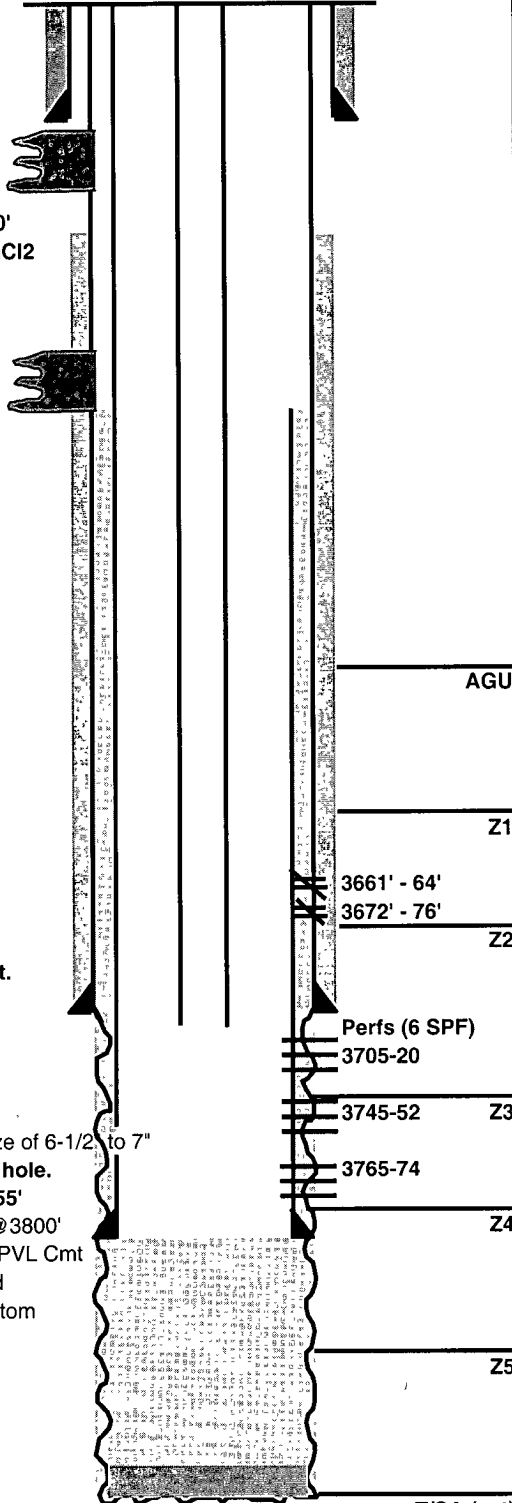
Tight spot in csg from
1455' to 1470'
Csg leak f/1454-1478
Cmt w/200 sx cl c

cmt sqz f/3612-3710
w/400 sx cmt

6" OD, 16#/ft., C-55 casing
Set @ 3700' w/ 350 sxs cmt.
TOC @ 1421'

Caliper shows hole size of 6-1/2" to 7"
Original Hole Size 5-3/8" hole.
FC @ 4755'

4-1/2" 11.6# Ultra FJ Liner @3800'
Cement with 400 sx of Schl PVL Cmt
with additives. CBL showed
TOC at 1430'. FC- 1jt off bottom



PBTD 3830'
TD @ 3870'
(WLTD @ 3874')

FILE: WBS142.XLS
MRV: 12/32/97

Date Completed: 04-07-39

Initial Production: 597 BOPD/ 0 BWPDP/ 700 MCFGPD

Initial Formation: Grayburg **From:** 3700' **To:** 3820'

Completion Data:

Drill to 3820'. Complete Open Hole 3700' - 3820' flowing 597 BOPD/ 0 BWPDP/ 700 MCFGPD on 1/2" choke w/ 340 psi tubing pressure Oil gravity 36.5 degrees API corrected.

Workover History:

05-16-45 Set production pkr @ 3740' to lower GOR.
07-18-46 ACDZ w/ 2,000 gals Re-set production pkr @ 3754'.
05-19-58 Clean out to 3820' (TD). Set pkr @ 3756'. Frac 3756' to 3820' w/ 20,000 gals oil & 20,000 #'s sand in two stages Pull pkr. Install pumping equip.
12-13-74 Pull stuck pump Clean out 23' scale Scale inhibitor treat w/ 165 gal. SP-216. ACDZ w/ 500 gals 15% HCL.
01-19-76 Clean out to 3820' (TD). Treated w/ 177 gals SP216 scale inhibitor & 550 gals 15% HCL
04-17-85 Scale inhibitor treat w/ 55 gal Gypton T-133.
06-17-86 Change out rods & size up pumping unit
10-29-86 Scale inhibitor treat with 55 gal Gypton T-133
08-03-87 Selectively perf open hole at 3714-24', 3728-38' (Zn 2), 3746-51', 3756-61' (Zn 3), 3770-80' (Zn's 3 & 4), 3788-91' & 3802-04' (Zn 4) Clean out to 3820'. Mill out tight casing from 1458' to 1473'. Acidize w/ 3,000 gals 15% acid Lost two pads from 6" casing scrapper in hole.
02-19-88 Scale inhibitor treat with 110 gal Gypton T-133
02-23-89 Scale inhibitor treat with 110 gal Gypton T-133.
05-16-89 Scale inhibitor treat with 110 gal Gypton T-133.
08-28-89 Scale inhibitor treat with 110 gal Gypton T-133.
02-14-90 Scale inhibitor treat with 110 gal Gypton T-133.
06-20-90 Scale inhibitor treat with 110 gal Gypton T-133
02-05-92 POOH w/ prod. equip Repair hole in 6" csg at surface. Deepen from 3820' to 3870'. Log HLS SDL-DSN-GR-CAL (logr TD 3874') ACDZ 3691' - 3870' (Zn's 2 - 5) w/ 1500 gals 15% NEFE HCL Swb Rec 5 BW / 5 runs in 1 hr., SFL @ 3200', FER 5 BPH Selectively perf 3661'-76' (Zn 1) w/ 2 SPF. Breakdown and acidize new perfs using PPI pkr and 300 gals 15% NEFE. Swb 3661' - 3870' (Zn's 1 - 5) Rec 28 BW / 23 runs in 4 5 hrs.; SFL @ 3300', FER 1.5 BPH. TIH w/ prod tbg & TO to production.
04-23-92 Test 3661' - 3870' pump 28 BOPD + 136 MCFGPD + 251 BWPDP.
12-01-95 C/O to 3870. Log w/GR, OH caliper. Swb tst. Poly sqz w/3000 bbls 3500/5000 ppm polymer solution RIH w/tbg. TOP.
08-15-97 RIH to 1455, swedge out to 1470. Spot 900 # 20/40 sd f/3822-3870. Acdz OH f/3721-3822 w/3000 gals 15% Resisol II Swb 29 runs. Rec 175 bbls fluid 1% oil, 99% wtr. Spot 3300# 20/40 sd f/3718-3842 Spot 200# 100 mesh sd f/3711-3718. Set CIRC @ 3614. Cmt w/325 sx cl c w/N2. Cap w/75 sx cl c f/3612-3710. D/O cmt & CIRC to 3710. Swb. Swedge csg f/1455-72. Csg leak f/1454-1478 Cmt sqz f/3456-3711 w/100 sx cl cl. Set CIRC @ 1400 Cmt sqz w/200 sx cl c f/1390-1460 D/O cmt f/1390-1460. D/O cmt f/3476-3716 C/O sd to 3870. Spot 20 sx cl c & 500# 20/40 sd plug f/3830-3870 (New PBD 3830).
8-16-06: Locate hies in casing from 300-400'. Sqz with 250 sx of Cl C w/ 2% CaCl2. Mill casing from 1500-1700' RIH w/ 4-1/2" 11 6# Ultra FJ liner. Set @ 3800'. Cmt with Schlumberger PVL cement with additives Drill out to 3780
8-17-06: Perforate 3705-20, 3745-52, 3765-74 with 6 JSPF 180 Holes Stimulate interval with 6,000 gals of 20% NEFE Acid with 3,000 gals of gelled block with 3000# GRS Swabbed 100% water with BFL/EFL @ 1000'.
4-4-07: Pulled ESP and ran packer and RBP Swab test 3741-3778. Swab 18 BPH with 0% oil cut and no gas BFL 1650 EFL 1750.
4-6-07: Move RBP/Pkr and swab 3705-20 Swab 20 BPH with 23% Oil cut first day. Second Day swab 15 BPH at 5% oil cut RWTP-6 BO/1669 BW/7 MCF.

Additional Data:

T/Queen @ 3349'
T/Penrose @ 3449'
T/AGU @ 3643'
T/Grayburg Zone 1 @ 3643'
T/Grayburg Zone 2 @ 3679'
T/Grayburg Zone 3 @ 3739'
T/Grayburg Zone 4 @ 3776'
T/Grayburg Zone 5 @ 3824'
T/San Andres (est) @ 3866'