Submit 3 Copies To Appropriate District Office	State of New Mexico			Form C-103		
District I	Energy, Minerals and Natural Resources			WELL API NO.		
1625 N. French Dr., Hobbs, NM 88240 District II				30-025-10358		
1301 W. Grand Ave., Artesia, NM 88210				5. Indicate Type of Lease		
District III 1220 South St. Francis Dr. 1000 Rio Brazos Rd., Aztec, NM 87410			· · · · · · · · · · · · · · · · · · ·	EE X		
District IV	Santa Fe, NM 8/303			6. State Oil & Gas Lease N	o. ;	
1220 S. St. Francis Dr., Santa Fe, NM 87505					58.4	
	ICES AND REPORTS ON	WELLS		7. Lease Name or Unit Agre	eement Name	
(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.)				Arrowhead Grayburg Un	it	
1. Type of Well: Oil Well Gas Well Other Injection				8. Well Number 246		
2. Name of Operator				9. OGRID Number 00538	30 .	
XTO Energy Inc.					st.	
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701				10. Pool name or Wildcat		
				Arrowhead; Grayburg	· · · · · · · · · · · · · · · · · · ·	
4. Well Location						
Unit Letter C : 660feet from theNorth line and1980feet from theWestline						
Section 19 Township 22S Range 37E NMPM County Lea  11. Elevation (Show whether DR, RKB, RT, GR, etc.)						
	11. Elevation (Show who	ether DR,	RKB, RT, GR, etc.)			
Pit or Below-grade Tank Application 🔲 o	r Closure	·				
Pit Liner Thickness: mil	Below-Grade Tank: Volu			nstruction Material	· Cha	
12. Check A	Appropriate Box to Inc	licate N	ature of Notice, I	Report or Other Data		
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:						
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON X REMEDIAL WORK					G CASING 🔲	
TEMPORARILY ABANDON				<u>—</u>		
PULL OR ALTER CASING	MULTIPLE COMPL		CASING/CEMENT			
OTHER:		·	OTHER.			
OTHER:  13 Describe proposed or comp	leted operations (Clearly	state all r	OTHER:	give pertinent dates, includir	og estimated date	
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. RUPU. Install BOP. TIH with 2 7/8" tubing and notched Collar to 3600'. Pull notched collar to 3565'.						
Not reverse einevlete eleen with Delymer Starch Self Cel						
Not reverse circulate clean with Polymer Starch Salt Gel.  a. 25 sx Class C w/ 3% calcium chloride plug from 3565'.						
b. Drop down and tag cement @ 3500'.						
c. Spot 25 sx plug at 3340' (Top of the Queen is 3341'). d. Spot 25 sx plug at 2675' (Top of Yates is 2672'). e. Spot 25 sx plug at 2425' (Bottom of Salt is at 2500'). f. Spot 25 sx plug at 1280' (Top of Salt is at 1280'). g. Fill cement inside 5-1/2" from 520' to surface						
e. Spot 25 sx plug at 2425' (Bottom of Salt is at 2500').						
f. Spot 25 sx plug at 1280' (Top of Salt is at 1280'). g. Fill cement inside 5-1/2" from 520' to surface						
g. I'm cement hiside 5-1/2 from	1 320 to surface			/cg	<b>3</b>	
2. Weld 4' riser on wellhead and rig	g down off well, Clean-up	location.		125		
THE OIL CONCEDURE						
	BE NOTI	FIED A	HVATION DIV	ISION WILL	***	
	BEGINNIA	LIED 2	4 HOURS PRI	DO TO TO		
I hereby certify that the information	GINININ	IG OF	HVATION DIV 4 HOURS PRIC PLUGGING OR	AU IO IME		
I hereby certify that the information a grade tank has been/will be constructed or	above is true and complete	to the be	st of my knowledge	and belief I forther certify tha	t any pit or below-	
1/ 1/		uiuciiiles [	J, a general permit 🔲 d	or an (attached) afternative OCD-a	pproved plan	
SIGNATURE TUSTON	lari T	TTLE	Regulatory Analy	vst DATE03/15/0	07	
Type or print name Kristy Ward	E-mail address: kristy	ward@v	toenergy com	Telephone No. 432-620-67	ონაცე <b>740</b>	
For State Use Only			STATE OF THE STATE	TOTOPHONE TO: 432-020-0		
$\overline{}$	( ) ( )	OCT PRIT	DESCRIPTION OF SERVICE SERVICES SERVICE	APR	0 2 2007	
APPROVED BY:	1. WINR I	TTLE		DATE'\	~ LUUI	

## **WELL DATA SHEET**

FIELD: Arrowhead

WELL NAME: AGU 246 WIC

FORMATION: Gravburg

LOC: 660' FNL & 1980' FWL TOWNSHIP: 22-S

RANGE: 37-E

SEC: 19 COUNTY: Les STATE: NM

GL: 3414' KB to GL: 14.01 DF to GL: 13.0' **CURRENT STATUS: Injector** API NO: 30-025-10358 CHEVNO: FB1351

Date Completed: 10/23/40 Spot 50ex

Initial Production: 636 BOPD / 0 BWPD / 430 MCFGPD Initial Formation: Grayburg From: 3578' To: 3714' Completion Data: Open hole acidized w/ 4000 gals 15% HCI.

Workover History:

03-05-52 Acdz open hole from 3620' to 3714' w/ 750 gals, gelled acid and 2000

gais. 15% HCi. Before: 3.4 BOPD/ 10% water/ 36 MCFGPD. After: 5.5 BOPD/ 70% water. Well on artificial lift.

08-15-54 Clean out to TD w/ baller.

11-09-55 Set Lynes straddle pk/s at 3510' and 3590'. Acdz w/ 1000 gals, 15%

acid. Frac w/ 20,000 gals. oil and 30,000 lbs. 20/40 sand. Before: 2 BOPD/ 0 BWPD/ 8 MCFGPD.

After: 32 BOPD/ 8 BWPD/ 2518 MCFGPD flowing.

10-26-65 POOH w/ prod. equip. RiH w/ inj. pkr and 2-3/6" plastic coated tog,

Convert well to injection thru open hole section 3578' to 3714'.

11-09-73 Set CICR @ 3550". Cmt sqz open hole (/ 3578" to 3714" w/ 200 sxs cmt. Selectively perf 28 zones between 2677' and 3510' w/ 1 spf (28 holes total). Actiz w/ 3000 gals. 15% HCl and Frac w/ 28,000 gals, fresh water gel

and 37,500 lbs. 20/40 sand.

After: 0 BOPD/ 335 MCFGPD/ 42 BWPD flowing.

06-25-87 POOH w/ prod. equip. (solate cag leak 473' to 504'. Cmt sqz cag leak w/ 200 sxs Cl. "C" w/ cmt returns to surf. Test sqz to 300 psi. Bled off 150 psl in 10 min. Drill out CICR @ 3550' and clean out to 3578'. Set pkr @ 3400' and swab dry. Perf thru tubing wi 2 sprff 3492 to 3571 (24 holes). Spot acid across perfs and acidz w/ 1600 gals. 15% HCl. Frac w/ 17,000 gals. gel and 36,000 lbs. 20/40 sand ranging ff 2 to 6 ppg. Swab. Sct pkr @ 3402'. Run

After: Trace oll 12 BWPD/ 15 MCFGPD.

05-22-89 POOH w/ prod. equip. RiH w/ bit and clean out to 3714'. Locate cag looks # 473' to 504' and old perfs leaking below 2677'. Spot sand in open hole up to 3583'. Set CICR @ 3400' and cmt sqz porfs bolow w/ 150 sxs cmt. Set CICR @ 2645' and cmt sqz peris below w/ 150 sxs cmt. Cmt sqz down csg w/ 150 sxs cmt on loak 473' to 504'. Drill out and test all cmt agz to 500 psi. All okay. Clean out to 3714'. Perf open hole w/ 2 spf in 12 intervals (24 shots). Acidize w/ 1500 gals. 15% HCl. Run prod. equip.

After: 2 BOPD/ 83 BWPD/ 2 MCFGPD

06-15-93 Attempted to locate and repair casing leak w/o success. No major

leaks located. Turn well over to Chevron for Arrowhead Grayburg Unit. 01-24-94 POOH w/ prod. equip. Tst csg to 300# - OK. Deepen from 3714 -3821', Left 3 4-3/4" bit cones on bottom at 3821'. Run logs (SPe/Den/GR). Logger TD @ 3792'. RIH w/ cone buster and find TD @ 3806' and mill down to 3818' (from Ground Level). Fish BHA + thg last during milling appration, Acidize OH in 4 stages w/ 8500 gais acid followed by block; ISIP 200%, vac in 5°. Swb 35 runs, R/142 Bbls wtr, 100% BS& W.; SFL @ 1150°, EFL 2400°. FER 20

BPH. 2% ail cut. Run injection equip. 4-11-2001 ND WH NU BOPE R/U floar. Rih w/ 2-7/8\* WS, கூற @ 3807' w/28' fill.

Ouil making hole, drig on junk. Tst perfs. Isolate sag lk from 456'-487', sqz.w/75 sx Cl 'C' cmt. RIH w/fbg, set pkr @3566'. Ran MIT Ist.

Additional Data:

T/Ysles @ 2672', Y/Seven Rivers @ 2853', T/Queen @ 3341', T/Ponrosc @ 3460'

T/AGU @ 3564

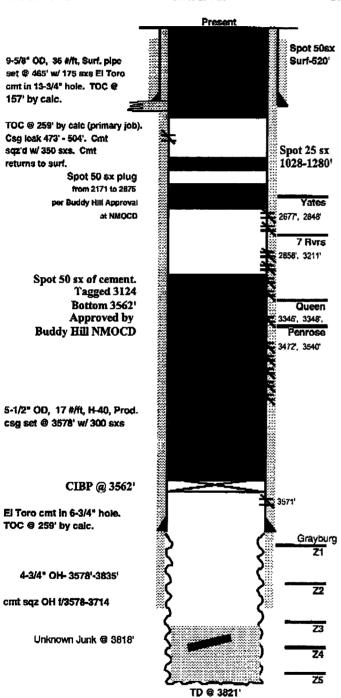
T/Grayburg Zone 1 @ 3652

T/Grayburg Zone 2 @ 3688 T/Grayburg Zone 3 @ 3752'

T/Grayburg Zone 4 @ 3784

T/Grayburg Zone 5 @ 3833' (estimated) (Zia Energy Injection Agreement)

T/San Andres @ 3870" (estimated) (Zia Energy Mineral Rights)



PBTO 38181

FILE: WBS246,XLS cjh: 5-14-01 (updated)