

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. 30-025-04928
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 300649
7. Lease Name or Unit Agreement Name ARROWHEAD GRAYBURG UNIT
8. Well Number 142
9. OGRID Number 5380
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 INJECTOR

2. Name of Operator
XTO ENERGY INC.

3. Address of Operator
200 LORAIN STE 800 MIDLAND, TX 79701

4. Well Location

Unit Letter N : 660 feet from the SOUTH line and 1980 feet from the WEST line
Section 36 Township 21 S Range 36 E NMPM County LEA

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

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: TST CSG/RPR CSG LK, STIM

X

OTHER: COMPLIANCE MIT TEST

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) MIRU, POH W/RODS/PMP, TAG TD, TALLY. CK FOR SCALE, REDBED, OR TA. C/O TO 3830', CIRC CLN. POH.
- 2) TIH, SET RBP #3550', SPOT 10 SXS SD ON TOP OF RBP. TST RBP TO 500 PSI. TST CSG AN TO 500 PSI - IF HOLDS
MOVE TO STEP 5. IF NOT, PROCEED TSTNG OUT OF HOLE UNTIL CSG LEAK IS IDENTIFIED.
- 3) TIH W/PKR, TST RBP TO 500 PSI. TST OUT OF HOLE NOTING PRESSURE LOSSES. LOCATE HOLE IF PRESENT.
- 4) TIH W/6" CMT RTNR, SET 75' ABOVE HOLE IN CSG. PMP CMT AND SQZ HOLE. SION
- 5) TIH W/WS, DC'S, BIT. C/O CMT RTNR/CMT. TST CSG. IF HOLDS, CIRC SD/PROCEED W/PROCEDURE. IF FAILS -----ATMPT TO RE-SQZ.
- 6) CSG SQZD - C/O TO TD. TIH W/WS, PKR, PORTED SUB BHA PER ATTCHD DRWNG. LVE PKR @3500'.
- 7) TRT WELL AS FOLLOWS: MAX RATE 5 BPM, MAX TRT PRESS 1800 PSI (RECD: 3 BPM/1200 PSI)
 - a. LOAD 1000 GALS TRTD WTR
 - b. PMP 500 GAL SPCR
 - c. PMP 800 GL CHEM PKR
 - d. 500 GAL SPCR
 - e. 940 GAL FLWSH W/TRTD WTR
 - f. PKR @3500'
 - g. SI/1 HR
 - h. 1000 GALS 15% ACD/TOULENE (90/10)
 - i. DROP BALL DIVERTER
 - j. PMP 2000 GALS 15% ACD/TOULENE (90/10)
 - k. OVR FLWSH W/1500 GALS TRTD WTR
 - l. DROP BALL DIVERTER
 - m. PMP 2000 15% ACD/TOULENE (90/10)
 - n. FLWSH W/2400 GALS TRTD WTR
 - o. SI FOR 1 HR

OPEN WELL, FLW, CONTINUE TILL WELL DIES. SWB TO EST OIL/GAS CUT. RUN PROD EQPT. RWTP

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 M. Lyn Marr TITLE REGULATORY ANALYST DATE 07/12/2006

Type or print name M. LYN MARR E-mail address: Lyn_Marr@xtoenergy.com Telephone No. 432-620-6714
For State Use Only

APPROVED BY: Gary W. Wink TITLE STAFF MANAGER DATE JUL 14 2006
Conditions of Approval (if any):

WELL DATA SHEET

S/O

FIELD: Arrowhead

WELL NAME: AGU No. 142

FORMATION: Grayburg

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

SEC: 36
COUNTY: Lea
STATE: NM

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

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

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

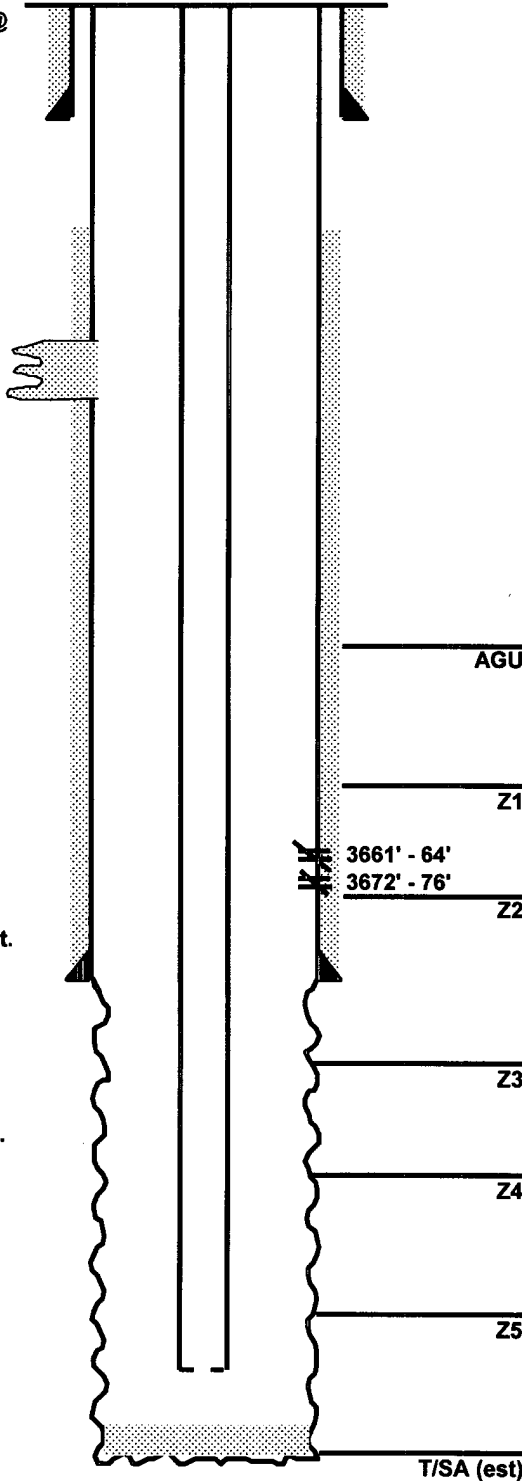
10-3/4" OD Surf Pipe set @
280' w/ 250 sxs cmt.
Circ. cmt to surf.

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'

5-3/8" hole.



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

Date Completed: 04-07-39
Initial Production: 597 BOPD/ 0 BWPD/ 700 MCFGPD
Initial Formation: Grayburg From: 3700' To: 3820'
Completion Data:
Drill to 3820'. Complete Open Hole 3700' - 3820' flowing 597 BOPD/ 0 BWPD/ 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 perms 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 BWPD.
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 CICR @ 3614. Cmt w/325 sx cl c w/N2. Cap w/75 sx cl c f/3612-3710. D/O cmt & CICR to 3710. Swb. Swedge csg f/1455-72. Csg leak f/1454-1478. Cmt sqz f/3456-3711 w/100 sx cl c. Set CICR @ 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).
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'

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