

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

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

Form C-103
May 27, 2004

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. 30-025-34843 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> ✓
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>M</u> : <u>1281</u> feet from the <u>South</u> line and <u>1310</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 #330 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 005380 ✓
10. Pool name or Wildcat Arrowhead; Greyburg		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> 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 <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: Squeeze, Reperf Zones 2 & 2A & Stimulate <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <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.

1. MI and rack 2-7/8" workstring. RUPU.
2. POH w/rods,pump & tbg. TIH w/7",20#,CICR & set @ 3675'. Establish inj rate. Squeeze well w/ 200 sx of Class C w/10% (bwoc) A-10, thixotropic fast setting additive w/2% CaCl2. Follow w/ 200 sx Class C w/ 2% CaCl2. Rev circ clean.
3. Drill out CICR & cement to 3725' Press test csg to 500 psi.
4. TIH w/3-3/8" csg gun & reperf at 3720,3718,3716,3705,3704,3697,3695,3692 (28',16 shots) w/2 JSPI, 180 deg phasing.
See Attachment

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 Sherry Pack TITLE Regulatory Analyst DATE 1/8/08
Type or print name Sherry Pack E-mail address: sherry_pack@xtoenergy.com
Telephone No. 432.620.6709

For State Use Only

APPROVED BY Chris Williams OC DISTRICT SUPERVISOR/GENERAL MANAGER
Conditions of Approval, if any: _____ TITLE _____ DATE JAN 17 2008



Arrowhead Grayburg #330

LEA COUNTY, NEW MEXICO

January 8, 2008

Form C-103 attachment

- 5 TIH w/ one jnt of tail pipe, packer, & work string. W/ packer @ 3680 spot 250 gals of 15% NEFE Acid to bottom of tail pipe. Pull packer to 3500'. Open by-pass & pump 5 bbls of 9# brine dwn TCA & rev acid into tbg. Close by-pass. Breakdown perfs w/ 250 gals of 15% acid on spot @ max pressure of 1000 psi and 1.0 BPM. Displace acid w/ tbg volume plus 10 bbls 1%KCL. Shut well in for 2 hrs.
- 6 Open well & backflow. Swab to determine OC & fluid entry. Determine if restimulation with additional acid is needed.
- 7 Pull packer, and tbg & RWTP.

AGU #330

WELLBORE DIAGRAM

WELL DATA SHEET

FIELD Arrowhead

WELL NAME AGU No 330

FORMATION: Grayburg

CURRENT STATUS Producer

HISTORY

LOC 1281' FSL & 1310' FWL

SEC 36

GL 3532'

TOWNSHIP 21-S

COUNTY Lea

KB 3538'

RANGE 36-E

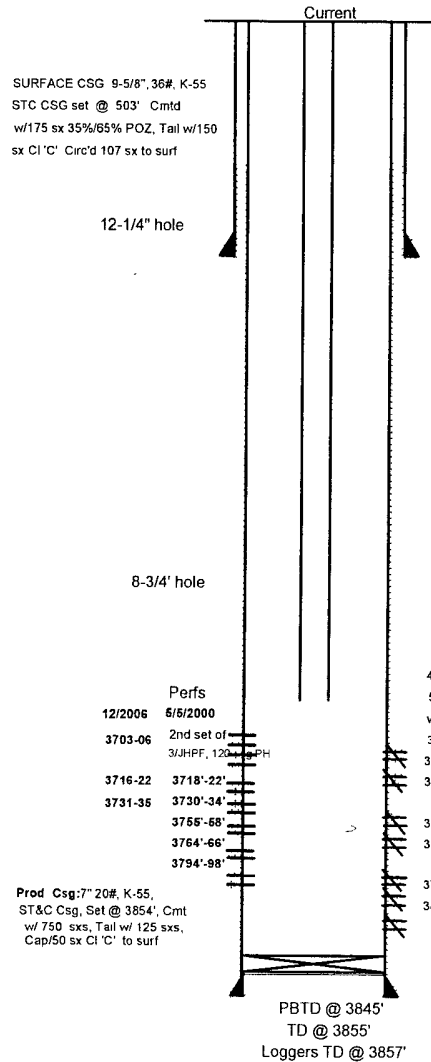
STATE NM

DF. 3537'

CHEVNO BY1493

SPUD 2/7/2000

Rig Risd 2/18/00



TBG DETAIL: 3/28/05

2-7/8" TBG WMBP, 2-7/8" PERF SUB, 2-7/8" X 7" TAC, 120 JTS
2-7/8", 6 5#, J-55, EUE, 8RD TBG PI @ 3795' TAC @ 3665'

2-1/2" X 2-1/4" X 24' PMP W/4' PLNGR, 7/8" X 4' STABILIZER
ROD, 10 - 1-1/2" K - BARS, 140 - 7/8" N-97 RODS & 1-1/2" X 26' SM PR

4-25-00 Perfs
5/4/00 Perfs Sqz'd
w/112 sxs Cmt
3/JHPF, 120 deg PH
3716-22'
3728'-36'
3754'-58'
3764'-68'
3794'-98'
3824'-28'

CIRC @ 3845'

Csg Shoe sqz'd w/75 sxs cmt (wet shoe)

DATE COMPLETED: 5-10-2000

INITIAL PRODUCTION: 12 BOPD / 763 BWPD / 7 MCFPD

INITIAL FORMATION: GRAYBURG **FROM:** 3648' **TO:** 3834'

COMPLETION DATA:

4-19-2000 - TST CSG, RIH W/TBG, TAG FC @ 3808'. DO FC & FELL FREE, 35' VOID UNDER FC. DO TO 3852'. PICKLE TBG W/500 GALS., SPOT 500 GALS 15% NEFE HCL ACD ON BOTTOM. SET CICR @ 3845', W/75 SXS CL 'C', SQZ 56 SX IN FORM. PERF: W/4" CSG GUN, 3761'-22', 3728'-36', 3754'-58', 3764'-68', 3794'-98', 3824'-28'. RAN TRACER SURVEY. DMP 15 SX 20/40 SD DWN TBG & SPOT TO EOT. TAG SD @ 3814'. CK F/COMM., CSG ON STRONG VAC. SET CICR @ 3627', TST, SQZ PERFS (3716'-98') W/150 SXS CL 'C', SQZ'F 112 SXS IN FORM. TIH, TAG CMT @ 3622'. DO FROM 3628' TO 3812', WSH SD FROM 3812' - 3845'. RE-PERF, 3718'-22', 3730'-34', 3755'-58', 3764'-66', 3794'-98', W/3 JHPF, 120 DEG PH. ACDZ W/850 GALS 15% NEFE HCL, RIH W/TBG. & TOTP.

WORKOVER HISTORY:

03/28/05: POH W/RODS, PMP & TBG. PMP HAD BROKEN TV CAGE. RIH 2 7/8" TBG, pmp & rods.

12/13/06: Perf 3703-06, 3716-22, and 3731-35. Stimulate with 5000 gals of 20% NEFE acid and 1250 gals of gelled brine with 1 ppg of GRS. Well swabbed 259 BW.

ADDITIONAL DATA:

T/RUSTLER @ 1183'

T/SALADO @ 1272'

T/TANSIL @ 2512'

T/YATES @ 2718'

T/7RIVERS @ 2910'

T/QUEEN @ 3364'

T/PENROSE @ 3469'

T/GRAYBURG ZONE 1 @ 3648'

T/GRAYBURG ZONE 2 @ 3686'

T/GRAYBURG ZONE 3 @ 3744'

T/GRAYBURG ZONE 4 @ 3786'

T/GRAYBURG ZONE 5 @ 3834'

