

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. 30-025-08881
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> X
6. State Oil & Gas Lease No.

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> <u>WTW</u>	7. Lease Name or Unit Agreement Name Arrowhead Grayburg Unit
2. Name of Operator XTO Energy Inc.	8. Well Number 194
3. Address of Operator 200 N. Loraine, Ste 800, Midland, Texas 79701	9. OGRID Number 005380
4. Well Location Unit Letter <u>E</u> : <u>2310</u> feet from the <u>North</u> line and <u>330</u> feet from the <u>West</u> line Section <u>12</u> Township <u>22S</u> Range <u>36E</u> NMPM Lea County	10. Pool name or Wildcat Arrowhead Grayburg Unit
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 X	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
CASING/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.

RUPU. Install BOP. Pickup workstring and run in hole with 4-3/4" bit to TD. Clean-out well to 3925'. Circulate clean and POH.

Rig up Reverse Unit Company (Recommend Smith International). TIH with 4-3/4" bit, Series 4500 underreamer. (See attached spec sheet) underreamer, 6 3/4" drill collars and workstring, and underream open hole from just below casing to 3950' to at least 6-1/2". Circulate clean and POH. (Should take about 2 days)

TIH with 4", 9.5#, J-55, FJ liner with casing shoe on bottom and float collar one joint up and remaining liner to surface. Set liner shoe at 3950'.

Rig up BJ or Halliburton and pump cement as shown on attached procedure. Work pipe while cementing. Close back side and pressure up to push cement out into current holes in pipe. Pump wiper plug. Pressure up on pipe to 1000 psi. Shut well in.

TIH with 3-3/8" bit, drill collars, and workstring. Tag float collar and test casing to 1000#. Drill out float collar down to top of casing shoe. Pressure test liner to 1000#. Circulate clean and POH.

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 DeeAnn Kemp TITLE Regulatory DATE 10/16/06

Type or print name DeeAnn Kemp E-mail address: Telephone No. 432-620-6724
For State Use Only OC FIELD REPRESENTATIVE II/STAFF MANAGER

APPROVED BY: Gary W. Wick TITLE DATE OCT 18 2006

Conditions of Approval (if any):



AGU 194

TIH w/ 3-1/8" perforating gun with premium shots and perforate 6 JSPF w/ 60 deg phasing:

- a. 3878-88 (10', 60 holes)
- b. 3855-63 (8', 48 holes)
- c. 3823-35 (12', 72 holes)

TIH w/ RBP and packer. Stimulate as follows: Max Rate/Pressure: 3 BPM/750 psi.

- a. Note: Heat acid to 180 degrees before pumping.
- b. Straddle 3878-88. Pump 1000 gals 20% NEFE acid. Flush acid to bottom perf + 10 bbls 1% KCL. Pull packer up to next interval.
- c. Straddle 3855-63. Pump 1000 gals of 20% NEFE acid. Flush acid to bottom perf + 10 bbls of 1% KCL. Pull packer up to next interval.
- d. Straddle 3823-35. Pump 1500 gals of 20% NEFE acid. Flush to bottom perf + 10 bbls of 1% KCL.
- e. Note if perfs communicate, pull packer to above next set and treat both intervals together.

Move RBP below bottom perfs and pull packer to 3750'.

Shut well in for 2 hours.

Open well back to pit through 8/64". Let well flow down and open another 8/64ths. Continue until well dies. Rig up swab load back. Pull packer and workstring. TIH with injection string and RWTI.

Profile well one month after RWTI.