District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources

RECEIVED
JUN 01 2009
HOBBSOCD

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number
XTO Energy, Inc. 200 N. Loraine, Ste. 800 Midland, TX 79701	005380
	[3] API Number 30- 025-30649

[4] Property Code	[5] Property Name	[6] Well No.
300650	A L Christmas NCT C	17

[9] Proposed Pool 1	[10] Proposed Pool 2
Eumont; Yates - 7 Rvrs - Queen (Gas)	

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	18	22S	37E		990'	North	460'	West	Lea

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County

Additional Well Location

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	G	Rotary	P	3435' GL
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
No	3426' CICR	Yates-7Rvrs-Queen	Gray Wireline	10-13-89 Orig Date

Depth to ground water	Distance from nearest fresh water well	Distance from nearest surface water
No record found	+1000'	+1000'

Pit: Liner: Synthetic ☐ _____ mils thick Clay ☐ Pit Volume _____ bbls Drilling Method:

Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36#	432'	350 sx (circ)	Surface
7"	8 3/4"	20#, 23#, 26#	3788'	1197 sx (circ)	Surface

~~Permit Expires 2 Years From Approval Date Unless Drilling Underway~~

[22] Describe the proposed program If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone Describe the blowout prevention program, if any Use additional sheets if necessary.

Plugback

Well is currently TA'd.
Prod Zone prior to TA Status: Eumont; Yates-7 Rvrs-Queen (Oil)
Proposed Zone: Eumont; Yates-7 Rvrs-Queen (Gas)
PB Depth: 3426' CICR
Formation @ TD: Penrose (Queen)
*Proposed Program Attached

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief **I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit [X], or an (attached) alternative OCD-approved plan ☐ .**

Signature: Kristy Ward

Printed name: Kristy Ward

Title: Regulatory Analyst

E-mail Address: kristy_ward@xtoenergy.com

Date: 5/29/09 Phone: 432-620-6740

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date: JUN 02 2009 Expiration Date:

CONDITIONS OF APPROVAL of Non-Standard Proration
Intent to drill ONLY — CANNOT produce until the Non-Standard Proration has been approved by OCD Santa Fe office

XTO ENERGY

AL Christmas NCT C #17
Reactivation, OAP, Stim Procedure
LEA COUNTY, NEW MEXICO
April 15, 2009

ELEVATION: GL – 3435' TD – 3798'
PBTD – 3416'

WELL DATA:

Current Status: TA'd; no equipment in hole. Last Production – 5/1997

Surface Casing: 9-5/8" 36 ppf K-55. Set at 450'. Cemented with 350 sx. TOC at surface.

Prod. Casing: 7" 20 ppf K-55. Set at 3788'. Cemented with 1197 sx. TOC at surface.

COMPLETION:

CICR @ 3426' with 10' cement to 3416'

Perfs: Penrose	3450 – 3576'	(126', 20 holes)	11/89 (sqz'd '98)

OBJECTIVE: OAP Seven Rivers and Yates, Frac and RWTP

RECOMMENDED PROCEDURE

(Verify that anchors have been set and tested per NM OCD & OSHA guidelines)

This well is a PRIVATE well

1. Notify land owner of intent to move on location.
2. MIRU PU. MI and rack 3500' of 2-7/8" N-80 WS. ND WH. NU BOP.
3. Pressure test csg to 500 psig for 30 min.
4. RIH with 6-1/8" bit and scraper on 2-7/8" N-80 WS. Clean well out to 3416' (PBTD). Circulate hole clean. POOH and LD bit, scraper, and WS.
5. MIRU Wireline company. PU and RIH 3-1/8" cgs gun with premium charges and gamma ray tool. Correlate depth with the *Spectral Density Dual Spaced Neutron Log ran by Halliburton on 10/19/89*. Perforate the following intervals with 1 spf and 60 degree phasing as follows:

XTO ENERGY

AL Christmas NCT C #17
Reactivation, OAP, Stim Procedure
LEA COUNTY, NEW MEXICO
April 15, 2009

Lower Seven Rivers:	3079 – 87'	(8')
	3130 – 41'	(11')
	3165 – 70'	(5')
	3186 – 93'	(7')
		(Total: 31', 35 holes)

6. POOH with wireline. RDMO wireline.

7. MI and rack 3500' of 3-1/2" 9.3 ppf workstring. PU and RIH with 7" packer on 3-1/2" WS to **3193' and spot 2 bbls 15% HCL acid across bottom perfs**. PUH to 3000' and reverse circulate 2% KCL wtr. Set packer at 3000'.

8. MIRU acid company. Test lines to 5,000 psig.

9. Load backside with 2% KCL wtr to 500 psig and monitor during job. Breakdown perfs from **3079 – 3193'** by pumping **2000 gals of 15% 90/10 Acid/Tol with 63 balls** in the following pump schedule. **Max treating pressure of 4500 psig.**
    a. Pump 250 gals acid
    b. Pump 500 gals acid with 15 ballsealers
    c. Pump 1000 gals acid with 48 ballsealers
    d. Pump remaining 250 gals acid
    e. Flush to bottom perf

10. Surge balls off. RDMO acid company. Shut well in for two hours.

11. Flow/Swab back acid load. Report results to Midland.

12. MIRU Frac company. NU frac valve. Hold backside to 500 psig during job. Test lines to 5500 psig.

13. Frac Lower Seven Rivers (3079' – 3193') via 3-1/2" WS with 23,000 gals 60Q CO2 foam, 25lb linear gel, 50,000 lbs 16/30 white sand and 20,000 lbs 16/30 resin coated sand. Please refer to the attached pumping schedule for details. Flush 1 bbl short of top perf. Pump job at 30 BPM with a max pressure of 4500 psig.

14. Shut well in for 2 hours. RDMO Frac company.

15. Flow well back to tank with steel lines until well dies. RU swab and swab back until sand cleans up. Report results to Midland.

16. Release packer and POOH with WS and packer.

17. MIRU Wireline company. PU and RIH 7" RBP on 3-1/8" cgs gun with premium charges and gamma ray tool. Set RBP at 3060'.

18. Correlate depth with the *Spectral Density Dual Spaced Neutron Log ran by Halliburton on 10/19/89*. PUH with wireline and perforate the following intervals with 1 spf and 60 degree phasing as follows:

Yates:	2655 – 68'	(13')
	2718 – 23'	(5')
Upper Seven Rivers:	2831 – 34'	(3')
	2850 – 53'	(3')
	2920 – 23'	(3')
	2945 – 48'	(3')
		(Total: 30', 36 holes)

19. POOH with wireline. RDMO wireline.

20. PU and RIH with 7" packer on 3-1/2" WS to **2948' and spot 4 bbls 15% HCL acid across bottom perfs**. PUH to 2575' and reverse circulate with 2% KCL wtr. Set packer at 2575'. NU frac valve.

21. MIRU acid company. Test lines to 5,000 psig.

22. Load backside with 2% KCL wtr to 500 psig and monitor during job. Breakdown perfs from **2655 – 2948'** by pumping **2000 gals of 15% 90/10 Acid/Tol with 63 balls** in the following pump schedule. **Max treating pressure of 4500 psig.**
    a. Pump 250 gals acid
    b. Pump 500 gals acid with 15 ballsealers
    c. Pump 1000 gals acid with 48 ballsealers
    d. Pump remaining 250 gals acid
    e. Flush to bottom perf

23. Surge balls off. RDMO acid company. Shut well in for two hours.

24. Flow/Swab back acid load. Report results to Midland.

25. MIRU Frac company. Hold backside to 500 psig during job. Test lines to 5500 psig.

26. Frac Yates (2655 – 2723') / Seven Rivers (2831 – 2948') via 3-1/2" WS with 30,000 gals 60Q CO2 foam, 25lb linear gel, 66,000 lbs 16/30 white sand and 22,000 lbs 16/30 resin coated sand. Please refer to the attached pumping schedule for details. Flush 1 bbl short of top perf. Pump job at 30 BPM with a max pressure of 4500 psig.

27. Shut well in for 2 hours. RDMO Frac company.

28. Flow well back to tank with steel lines until well dies. RU swab and swab back until sand cleans up. Report results to Midland.

29. Release packer and POOH LD packer.

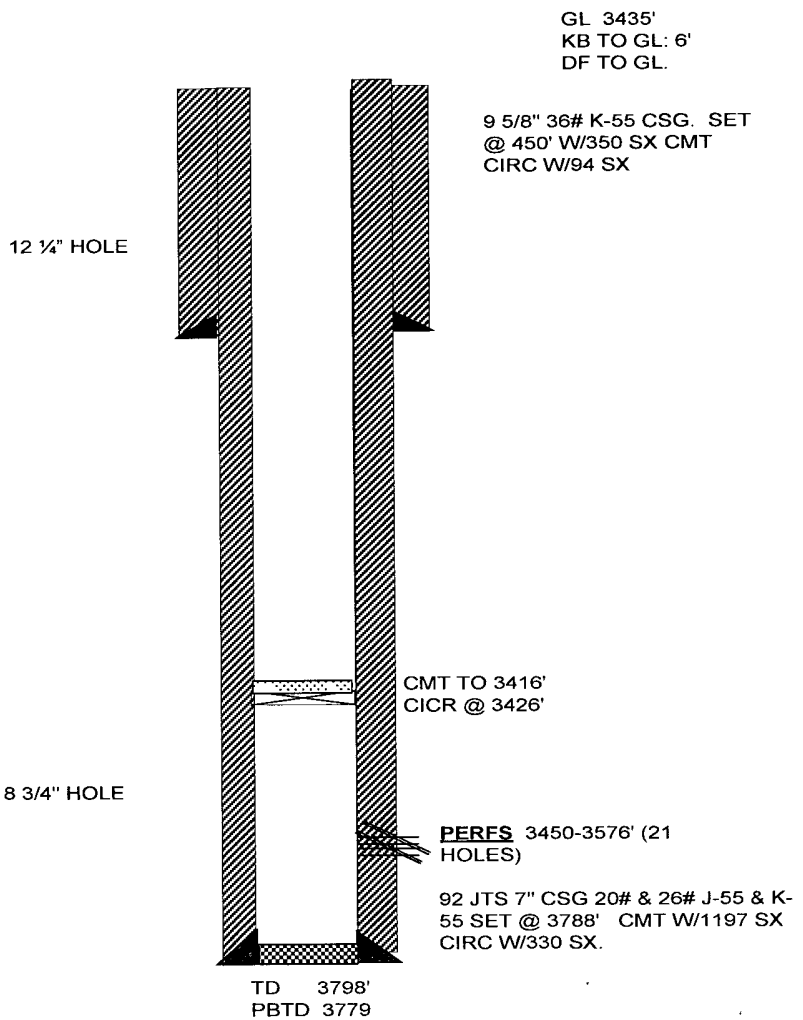
30. RIH with retrieval head and release RBP. POOH and LD WS and RBP. Circulate clean. ND Frac valve.

31. RIH with SN and 2-3/8", 4.7 ppf, J-55 production tubing. Set SN at 2645'. ND BOP. NU WH. Swab and/or flow test well.

32. RDMO PU. RWTP.

A. L. CHRISTMAS C #17
"Current"

Formerly A.L. Christmas C #1
WELLBORE DIAGRAM



DATA

LOCATION: 990' FNL & 460' FWL, UNIT D. SEC. 18, T-22-S, R-37E
COUNTY/STATE: LEA COUNTY, NM
FIELD: EUMONT
FORMATION: EUMONT; YATES-7 RIVERS-QUEEN
INITIAL IP: F 642 MCPFD (12/27/57)
API #: 30-025-30649
CURRENT STATUS: TA'D

HISTORY

COMPLETION DATA:

10/13/89: SPUD 12 ¼" HOLE. RAN 11 JTS 9 5/8" 36# K-55 ST&C CSG & SET @ 450'. CMT W/350 SX. CIRC 94 SX. CONT DRLG. DRL 8 ¾" HOLE. RAN 92 JTS 7" 26# K-55 LT&C & J-55 ST&C CSG. SET @ 3788'. CMT W/1197 SX. CIRC 330 SX. RAN OH LOG. RIG REL 10/20/89.

10/24/89: PERF 3450-3576'. ACDZ W/7000 GALS 15% MCA ACID. SWB WELL TO PIT. MADE 10 SWB RUNS. FINAL SWB FL WAS @ 2100'. SWB LINE PARTED WHILE ATTEMPTING TO PULL STANDING VALVE.

WORKOVER HISTORY:

10/26/89: PULLEDTBG & RETR SD LINE & FISHING TOOL. RAN 117 JTS 2 3/8" 4.7# J-55 EUE TBG, SN 18' MA, & LANDED BTM OF TBG @ 3682'. RAN 2 X 1 ¼ X 14 INSERT PMP & PLACE WELL ON PROD.

10/27/89: WELL NOT PMPG. CHANGE OUT 1 ½" INSERT PMP.

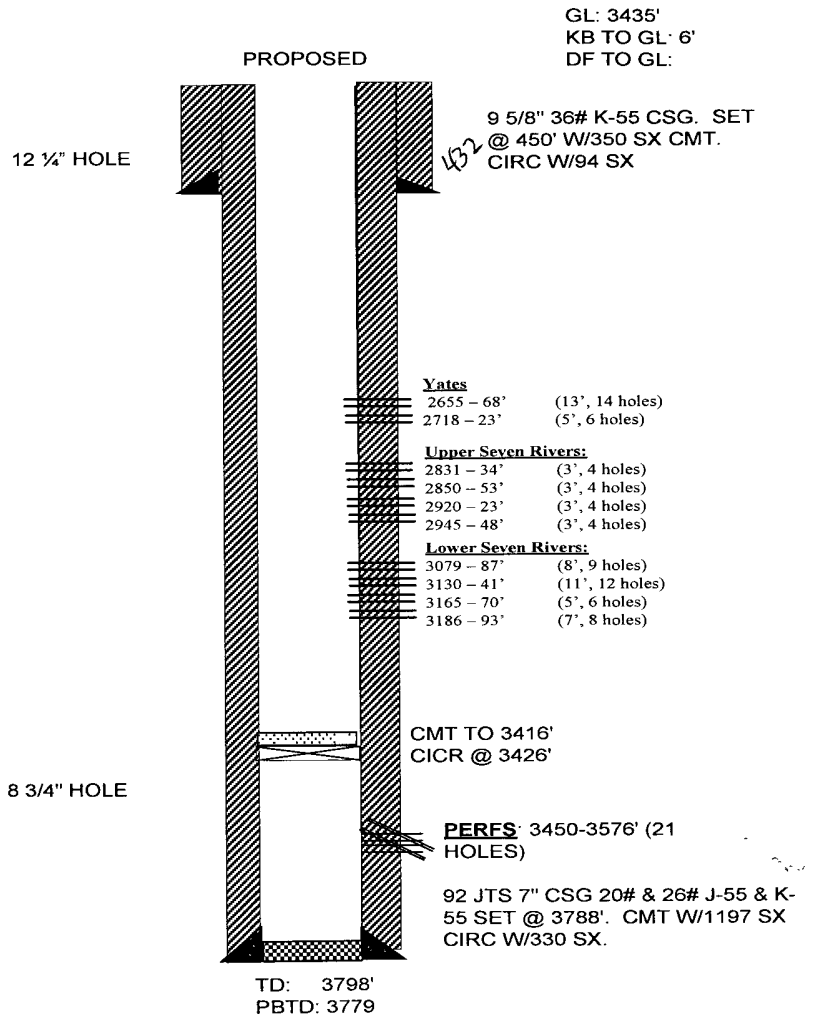
11/02/89: FRAC FOAM W/42,000# 20/40 SD + 144,000# 12/20 SD & 135,000# 8/16 SD.

01/27/98: POH W/PROD EQUIP. SET CICR @ 3426'. PPD 150 SX CL C. OBTAINED 2000# SQZ (90 SX IN FORM). CLEAN LOCATION. WELL TA'D 9/8/97.

05/03/04: RAN MIT W/CHART TO 560# FOR 30" – OK. WELL IS TA'D.

A. L. CHRISTMAS C #17
"Proposed"

Formerly A.L. Christmas C #1
WELLBORE DIAGRAM



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