

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

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

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 XTO ENERGY, INC. 200 N. Loraine, Ste. 800 Midland, TX 79701		² OGRID Number 005380 ✓
		³ API Number 30- 025-30538 ✓
⁴ Property Code 301579 ✓	⁵ Property Name State Sec 17 Com	⁶ Well No. #3 ✓
⁹ Proposed Pool 1 Vacuum ABO, North (East)		¹⁰ Proposed Pool 2

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
K	17	17S	35E		2034	South	2064	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 P ✓	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code S ✓	¹⁵ Ground Level Elevation 3976
¹⁶ Multiple	¹⁷ Proposed Depth 12,120*	¹⁸ Formation **	¹⁹ Contractor Gray Wireline	²⁰ Spud Date 3/24/1989
Depth to ground water 55'		Distance from nearest fresh water well +1000'		Distance from nearest surface water +1000'
Pit: Liner Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method.				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	420'	500	Surface
11"	8-5/8"	32#	5000'	1950	Surface
7-7/8"	5-1/2"	15.5#, 17.0#	4500' - 12120'	1650	4200

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

Well is presently T/A Status.
Production zone prior to T/A status: Vacuum; Atoka-Morrow, North
Proposed Zone: Vacuum; ABO, North
*Plugback depth +/- 9,500'
**Formation at TD: Atoka Formation at Plugback depth: ABO
Proposed program attached

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HOBBS OCD

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Plugback

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 <input type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCB-approved plan <input type="checkbox"/> . Signature: <i>Sherry Pack</i>		OIL CONSERVATION DIVISION	
Printed name: Sherry Pack		Approved by: <i>Chris Williams</i>	
Title: Regulatory Analyst		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: sherry_pack@xtoenergy.com		Approval Date: MAR 06 2008	Expiration Date:
Date: 02/26/2008	Phone: 432.620.6709	Conditions of Approval. Attached <input type="checkbox"/>	

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State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised October 12, 2005

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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-30538		² Pool Code 4760 86800		³ Pool Name Abc North Vacuum; Atoka-Morrow, North (GAS)	
⁴ Property Code 301579	⁵ Property Name State Sec 17 Com			⁶ Well Number #3	
⁷ OGRID No. 005380	⁸ Operator Name XTO Energy, Inc.			⁹ Elevation	

¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	17	17S	35E		2034	South	2064	West	Lea

¹¹ 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

¹² Dedicated Acres 320 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div data-bbox="40 976 1031 1992"> <p>16</p> <p>2064'</p> <p>STATE SECTION 17 Com #3</p> <p>2034'</p> </div>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</p> <p><i>Sherry Pack</i> 02/26/08 Signature Date</p> <p>Sherry Pack Printed Name Regulatory Analyst</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief</p> <p>_____ Date of Survey</p> <p>_____ Signature and Seal of Professional Surveyer</p> <p>_____ Certificate Number</p>

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HOBBS OCE



**STATE SEC 17 COM #3
LEA COUNTY, NEW MEXICO
API 30-025-30538**

ELEVATION: PBTD - 12110' KB - 3993'
TD - 12120' GL - 3976'

WELL DATA:

Surface Casing: 13-3/8", 48 ppf, H-40. Set at 420'. Cemented with 500 sx. Circulated.

Inter. Casing: 8-5/8", 32 ppf, K-55. Set at 5000'. Cemented with 1950 sx. Circulated

Prod. Liner: 5-1/2", 15.5 # & 17# K-55 & L-80 liner. Set at 12120'. Cemented with 1650 sx. TOL at 4500'.

PERFORATIONS: Atoka: 11974'-12010' (148 total holes, 37 net ft)

OBJECTIVE: Abandon Pressure Depleted Atoka & Recomplete well to Abo intervals

RECOMMENDED PROCEDURE

1. RU PU.
2. ND WH & NU BOP. Release Packer @ 11857'. POH w/ packer, 2 3/8" XL on/off tool w/ 1.87" F profile & 2 7/8" 6.5# L-80 production tbg. Since the production tbg has been in the well since initial completion in May 1989, scan the production tbg as it is pulled out of the well. If condition of tbg merits, will use the production tbg again.
3. RU Gray WL. RIH w/ CIBP to abandon the Atoka perms from 11974'-12010'. Set CIBP @ +/- 11900'. RIH w/ dump bailer and dump 5 sx cement on top of CIBP. POH w/ WL.
4. RIH w/ WL & run Gamma Ray Correlation Log from 10000' up to 7500'. Tie correlation log into Schlumberger Compensated Neutron-Litho Density log ran on 5/1/1989. POH w/ WL.

LOWER ABO COMPLETION

5. RIH w/ casing guns loaded 2 SPF. Perf Abo interval from 9490'-9506' (16' ft, 32 total holes). RD Gray WL after perforating
6. PU & Rack 2 7/8" WS.
7. TIH w/ packer & 2 7/8" WS. Set packer +/- 9400'.
8. RU Pumping Services.



**STATE SEC 17 COM #3
LEA COUNTY, NEW MEXICO
API 30-025-30538**

ACID BREAKDOWN

Pump **3000 gal (71 bbls) 20% HCL & 60 Ball Sealers @ 6 BPM. Maximum pressure should be 5000 psi.** Drop ball sealers in groups of 10 every 9 bbls throughout last $\frac{3}{4}$ of acid job. If ballout occurs, surge ball sealers off and continue with acid job. After acid is pumped, flush to bottom perf with fresh water. RD Pumping Services.

9. Leave well SI for a minimum of 2 hours to allow acid to spend. Flow well back until well dies.
10. After well is dead, RU swab and swab interval to determine productivity & oil cut of interval. If satisfactory then proceed with further stimulation. If unsatisfactory then POH w/ packer & WS and proceed with procedure to test the Upper ABO completion (Step # 16)
11. RU Pumping Services

ULTRAGEL STIMULATION

Pump **6000 gal (143 bbls) 20% Ultrigel @ 8 BPM. Maximum pressure should be 5000 psi.** Flush to bottom perf with fresh water. Overflush with 30 bbls fresh water. Shut down and obtain 5, 10, 15 min SI pressures. RD Pumping Services.

12. Leave well SI for a minimum of 4 hours to allow Ultrigel to spend.
13. Flow well back until well dies.
14. Swab interval to assist in well cleanup and to further help in determining zone productivity .
15. Release packer & POH w/ packer & WS.
16. RU Gray WL and set RBP w/ ball catcher (CIBP if not productive) @ +/- 9400' to isolate Lower ABO Interval. POH w/ WL.



STATE SEC 17 COM #3
LEA COUNTY, NEW MEXICO
API 30-025-30538

UPPER ABO COMPLETION

17. RIH w/ casing guns loaded 2 SPF. Perf following Abo intervals.

I) 8825'-8840'	15'	30 total holes
II) 8854'-8865'	11'	22 total holes
Totals	26'	52 total holes

RD Gray WL after perforating

18. TIH w/ packer & WS. Set packer @ +/- 8700'.

19. RU Cudd Pumping Services.

ACID BREAKDOWN

Pump 5000 gal (119 bbls) 20% HCL & 100 Ball Sealers @ 6 BPM. Maximum pressure should be 5000 psi. Drop ball sealers in groups of 10 every 10 bbls throughout last ¼ of acid job. If ballout occurs, surge ball sealers off and continue with acid job. After acid is pumped, flush to bottom perf with fresh water. Surge well after breakdown to ensure all ball sealers are off of perforations.

ULTRAGEL STIMULATION

Pump 8000 gal (190 bbls) 20% Ultrigel @ 8 BPM. Maximum pressure should be 5000 psi. Flush to bottom perf with fresh water. Overflush with 30 bbls fresh water. Shut down and obtain 5, 10, 15 min SI pressures. RD Cudd Pumping Services.

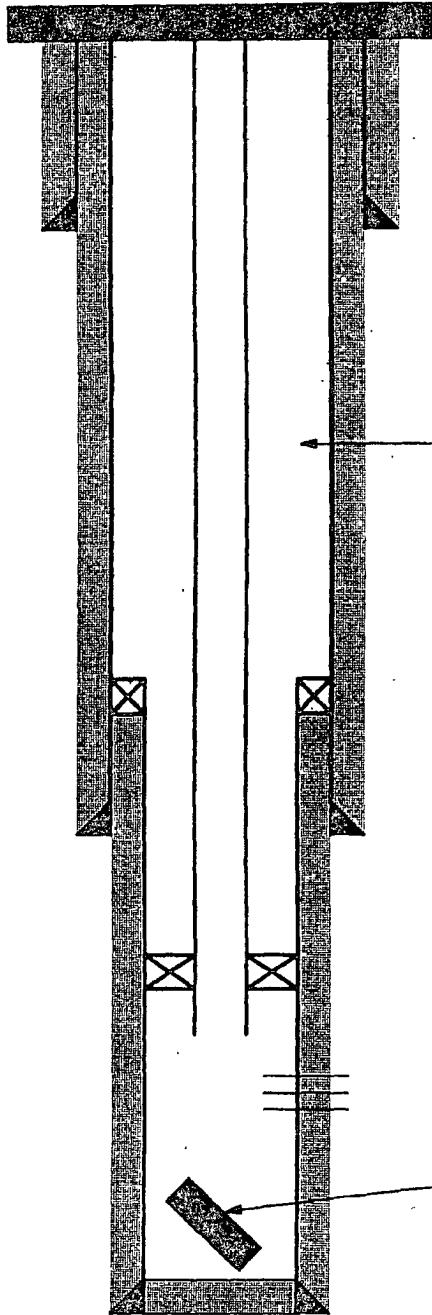
20. Leave well SI for a minimum of 2 hours to allow acid to spend. Flow well back until well dies

21. Release packer & TOH w/ WS & packer.

22. **ONLY IF Lower ABO is productive.** TIH w/ WS to RBP. Latch onto & release RBP. POH w/ WS, packer & RBP. Laydown WS.

23. TIH w/ 2 7/8" prod tbg. ND BOP. NU WH. TIH w/ rods & pump. RD PU. POP.

G.L. 3976'
 K.B. 3993'
 ZERO 17' AGL



PBTD 12110'
 TD 12120'

13-3/8", 48 lb/ft, H-40 ST&C Casing set @ 420'
 Cemented with 500 sxs Class C
 Cement Circulated
 17-1/2" Hole

Annulus circulated with 4% KCl + 1% by vol NL Coat 1270 packer fluid

Baker type CMC Liner Hanger @ 4500'

8-5/8", 32 lb/ft, K-55 casing set @ 5000'
 Cemented with 1950 sxs Class 'C'
 Cement Circulated
 11" Holes

Guiberson UNI-VI 10K Packer @ 11857' + 2-3/8" 'XL' on/off tool with 1.87" type 'F' profile + 2-7/8" 6.5# L-80 tbg sub + RA collar + 2-7/8" 6.5# L-80 production tubing.

Atoka Perfs: 11974'-12010' with 4 JSPF (148 holes)
 (1 foot gap in perfs at 11090')

Bottom of Well: Guiberson mechanical gun disconnect + 1 jt tb + mech firing head + Guiberson 4 SPF 4" X 41' Viper jet TCP gun. TOp of Junk @ 12025'

5-1/2", 17 & 15.5 lb/ft, L-80 & K-55 liner set @ 12118'
 Cemented with 1650 sxs Class 'H'
 Cement Circulated
 7-7/8" Hole

LEASE		State Sec 17 Com		WELL NO.	3
COUNTY	Lea	STATE	NM	AP #	30-025-30538
LEGAL LOCATION: 2055' FWL & 2034' FSL Sect 17 T17S R34E					
DRAWN BY	C. M. Jones			DATE	16 December 1994