

District I
1625 N French Dr, Hobbs, NM 88240
District III
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

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AUG 18 2009

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State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
May 27, 2004

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 XT0 Energy, Inc. 200 N. Loraine, Ste. 800 Midland, TX 79701		² OGRID Number 005380
		³ API Number 30- 025-25530
⁴ Property Code 22800 300650	⁵ Property Name A L Christmas NCT C	⁶ Well No 10
⁹ Proposed Pool 1 Drinkard		¹⁰ Proposed Pool 2 Blinebry Oil & Gas

⁷Surface Location

UL or lot no F	Section 18	Township 22S	Range 37E	Lot Idn	Feet from the 1950'	North/South Line North	Feet from the 1845'	East/West line West	County Lea
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⁸Proposed 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
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Additional Well Location

¹¹ Work Type Code P	¹² Well Type Code 0	¹³ Cable/Rotary -	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3423' GL
¹⁶ Multiple Downhole Commingle	¹⁷ Proposed Depth 6710' TD	¹⁸ Formation Drinkard	¹⁹ Contractor N/A	²⁰ Spud Date Orig Date
Depth to ground water No record found		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"/>				

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8-5/8"	24#	1118'	550 sxs	Surface
7-7/8"	5-1/2"	15.5#	6710'	2077 sxs	Surface

CONDITIONS OF APPROVAL for NON-STANDARD PRORATION Intent to drill/workover ONLY -- CANNOT produce until the Non-Standard Proration has been approved by OCD Santa Fe office

²² Describe the proposed program If this application is to DEEPEN or PLUG BACK, give the date of completion. Describe the blowout prevention program, if any Use additional sheets if necessary

Well is currently TA'd.
Prod Zone prior to TA Status: Eumont; Yates-7 Rvrs-Queen (Oil), Penrose Skelly zone
Proposed Zone: Drinkard and Blinebry Proposed PBTD: CIBP @ 6615'
Formation @ TD: Drinkard
*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 ☒, or an (attached) alternative OCD-approved plan ☐ Signature *DeeAnn Kemp*

Printed name: DeeAnn Kemp

Title: Regulatory

E-mail Address: deeann_kemp@xtoenergy.com

Date:

7/8/09

Phone

432-620-6724

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date:

SEP 16 2009

Expiration Date:

CONDITION OF APPROVAL for DHC -- Approval for Drilling // Workover Only CANNOT produce multiple zones without the OCD Hobbs office approval for Downhole Commingle per R-11363 set forth in Rule 19 15 12.11(2).

A.L. Christmas NCT C #10

TIH w/ wireline set BJ Composite 5 1/2" and set at 6400'. POH. Load hole with 1% KCL.

Rig up Gray Wireline and pull CNL from 6400 to 2100'. POH.

Under full lubricator TIH w/ 4" casing gun and perforate the Tubb at

Drill and Perforations:

- a. 6204-6215 (11', 22 holes)
- b. 6189-6194 (5', 10 holes)
- c. 6173-6185 (12', 24 holes)
- d. 6153-6165 (12', 24 holes)
- e. Total of Gross 210', Net 40', 80 shots of 2 JSPF @ 180 degree phasing.

Move in set and level 3 frac tanks. Load with 410 bbls of Fresh water each. Keep tanks there until after last frac.

TIH with packer, and 3 1/2" workstring. Test CIBP to 1000 psi. Pull packer to 6300' and spot 250 gals of 15% NEFE Acid. Pull packer to 5900' and reset. Breakdown perfs and acidize interval with 3000 gals of 15 % NEFE Acid and 120 7/8" 1.3 sg ball sealers. Max Pressure: 4,000 psi, Max Rate: 5 BPM. Shut-in for one hour. Open well back to pit. Flow well down.

Flow or Swab well. Monitor oil cut and fluid level. Unset packer and knock balls off seat. Prepare to frac well. Pull packer to 5900' and reset.

Rig up Frac Crew and Frac according to following procedure and the attached procedure for details. Max Rate/Pressure: 35 BPM/6,000 psi. (Anticipate: 30 BPM/4500 psi)

- a. Pump 18,000 gal pad of 30# gel system with additives
- b. Pump 4,000 gals of 30# gel system with additives 1# 16/30 White Sand
- c. Pump 4,000 gals of 30# gel system with additives 2# 16/30 White Sand
- d. Pump 4,000 gals of 30# gel system with additives 3# 16/30 White Sand
- e. Pump 5,000 gals of 30# gel system with additives 4# 16/30 White Sand
- f. Pump 5,000 gals of 30# gel system with additives 5# 16/30 White Sand
- g. Pump 3,000 gals of 30# gel system with additives 5# 16/30 Super LC Sand
- h. Pump 2,500 gals of 30# gel system with additives 6# 16/30 Super LC Sand
- i. Flush with 2280 gals. 30# linear gel
- j. Shut well in over night to allow frac to heal.

Open well back to pit and flow well through 8/64ths choke. Flow well down at steady rate. When well falls off then open another 8/64ths until well flows down. Take Shut-in tubing pressure each morning and report in FDA. Flow well down.

Swab well and return to production with only the Tubb isolated. Produce load and determine productivity of zone. Move to Blinebry perf and frac.

Blinebry Completion

TIH with RBP with ball catcher to 5700' and reset and test to 1000 psi. POH.

Under full lubricator TIH w/ 4" casing gun and perforate

Blinebry Perforations:

- a. 5520-5552 (32', 64 holes)
- b. 5476-87 (11', 22 holes)
- c. 5445-55 (10', 20 holes)
- d. 5425-35 (10', 20 holes)
- e. Total of Gross 187', Net 63', 126 shots of 2 JSPF @ 180 degree phasing

TIH with 3 1/2" workstring and packer to 5552 and spot 250 gals of 15% NEFE Acid. Pull packer to 5100' and set. Breakdown perfs and acidize interval with 2500 gals of 15 % NEFE Acid and 180 7/8" 1.3 sg ball sealers. Max Pressure: 4,000 psi, Max Rate: 5 BPM. Shut-in for one hour. Open well back to pit. Flow well down.

A.L. Christmas NCT-C #10

Open well back to pit and flow well through 8/64ths choke. Flow well down at steady rate. When well falls off then open another 8/64ths until well flows down. Take Shut-in tubing pressure each morning and report in FDA.

Flow or Swab well. Monitor oil cut and fluid level. Unset packer and knock balls off seat. Prepare to frac well.

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- d. Pump 4,000 gals of 30# gel system with additives 3# 16/30 White Sand
- e. Pump 5,000 gals of 30# gel system with additives 4# 16/30 White Sand
- f. Pump 5,000 gals of 30# gel system with additives 5# 16/30 White Sand
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Form C-102
Revised October 12, 2005

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 30-025-25530	² Pool Code 6660	³ Pool Name Blinbry Oil & Gas
⁴ Property Code 300650	⁵ Property Name A L Christmas NCT C	⁶ Well Number 10
⁷ OGRID No 005380	⁸ Operator Name XTO Energy, Inc.	⁹ Elevation 3423' GL

¹⁰ Surface Location

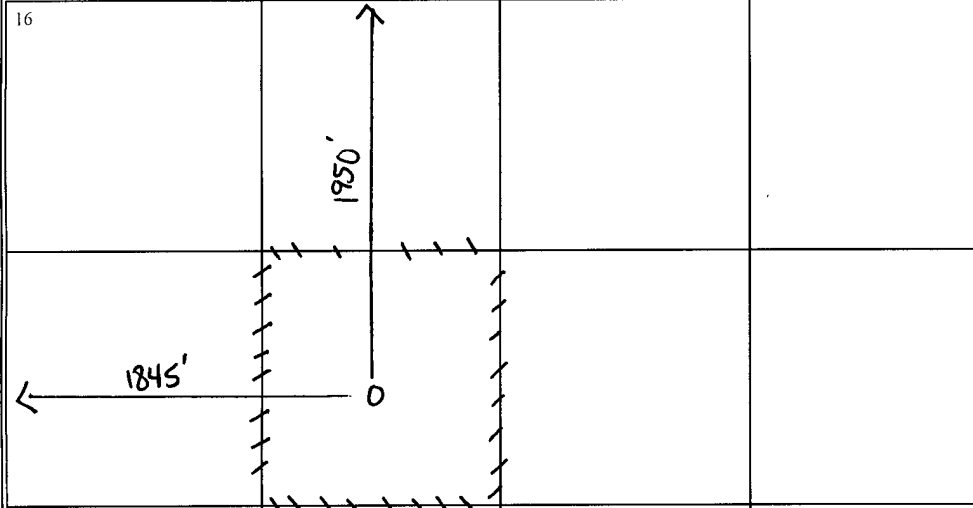
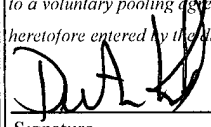
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 	¹⁷ OPERATOR CERTIFICATION 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  7/8/09 Signature Date DeeAnn Kemp Printed Name Regulatory Regulatory
	¹⁸ SURVEYOR CERTIFICATION 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 Date of Survey Signature and Seal of Professional Surveyer Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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⁴ Property Code 300650	⁵ Property Name A L Christmas NCT C	⁶ Well Number 10
⁷ OGRID No 005380	⁸ Operator Name XTO Energy, Inc.	⁹ Elevation 3423' GL

¹⁰ Surface Location

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