District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

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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, Suite 800, Midland, TX 79701	005380
	[3] API Number 30 - 02525634

[3] Property Code	[5] Property Name	[6] Well No.
~~2590~~ 300650	A. L. Christmas NCT-C	13

[9] Proposed Pool 1	[10] Proposed Pool 2
Tubb 046 (O,L)	Blineberry 046 (O,L)

[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
A	18	22S	37E		660	North	850	East	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 Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	O	-	p	3413' GL
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
Downhole commingle	6700' TD	Drinkard	Basic Well Service	08/27/1977

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 ¼"	8 5/8"	24#	1107'	500sxs	Surface
7 7/8"	5 ½"	15.5	6700'	2025sxs	Surface

[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.

Well is currently producing in the Drinkard zone
Proposed Zone: Tubb and Blineberry
Proposed PTBD: CIBP @ 6375' isolating the Drinkard zone
Formation at TD Drinkard
Proposed Program attached

FOR RECORD ONLY

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

Adding

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature: Patty Urias

Printed name: Patty Urias

Title: Regulatory Analyst

E-mail Address: patty_urias@xtoenergy.com

Date: 7/22/10

Phone: 4326204318

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date: AUG 03 2010

Expiration Date

Conditions of Approval: Approval to drill & test all new zones separate, but cannot produce Downhole commingle until DHC is approved in Hobbs District office according to R-11363

A. L. Christmas NCT-C #13

TOH w/ rods and pump. Install BOP. TOH with tubing.

TIH w/ wireline set BJ Composite 5 ½" RBP and set at 6400'. POH. Load hole with 1% KCL.

Rig up Gray Wireline and pull CNL and combine electronically with the previous log (only able to pull to 5440 due to FL in well). Pull CNL from 6400 to 2100'. POH.

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

Tubb Perforations:

a. 6194-6202 (8', 8 holes)
b. 6168-6176 (8', 8 holes)
c. 6136-6140 (4', 4 holes)
d. Total of Gross 150', Net 20', 20 shots of 1 JSPF @ 180 degree phasing.

Move in set and level 3 frac tanks. Load with 410 bbls of Fresh water each .

TIH with RBP with ball catcher, packer, and 3 ½" workstring. Set RBP at 6350'. Test 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 2,500 gals of 15 % NEFE Acid and 30 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 6000' and reset.

Rig up Schlumberger Frac Crew and Frac according to following procedure and the attached procedure for details. Max Rate/Pressure: 40 BPM/6,000 psi. (Anticipate: 35 BPM/5000 psi)

Stage Name	Stage Fluid Volume (gal)	Cum. Fluid Volume (gal)	Stage Slurry Volume (bbl)	Cum. Slurry Volume (bbl)	Stage Prop (lb)	Cum. Prop. (lb)	Avg. Surface Pressure (psi)	Stage Time (min)	Cum. Time (min)
Load hole	500	500	11.9	11.9	0	0	6625	2.4	2.4
PAD	16000	16500	381.0	392.9	0	0	5981	9.5	11.9
1.0 PPA	4000	20500	99.5	492.4	4000	4000	5935	2.5	14.4
2.0 PPA	5500	26000	142.8	635.2	11000	15000	5870	3.6	18.0
3.0 PPA	6000	32000	162.2	797.4	18000	33000	5747	4.1	22.0
4.0 PPA	8000	40000	224.9	1022.4	32000	65000	5570	5.6	27.6
5.0 PPA	7000	47000	204.3	1226.7	35000	100000	5396	5.1	32.8
6.0 PPA	5000	52000	152.0	1378.7	30000	130000	5300	3.8	36.6
Flush	2302	54302	54.8	1433.5	0	130000	6040	1.4	37.9

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

Pull RBP up to 5975' and reset and test to 1000 psi. POH.

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

Blinebry Perforations:

a. 5528-5536 (8', 8 holes)
b. 5472-5480 (8', 8 holes)
c. 5398-5406 (8', 8 holes)
d. Total of Gross 148', Net 24', 24 shots of 1 JSPF @ 180 degree phasing

TIH with 3 ½" workstring and packer to 5536 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 36 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.

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.

Rig up Schlumberger Frac Crew and Frac according to following procedure and the attached procedure for details. Max Rate/Pressure: 40 BPM/6,000 psi. (Anticipate: 30 BPM/5000 psi)

Stage Name	Stage Fluid Volume (gal)	Cum. Fluid Volume (gal)	Stage Slurry Volume (bbl)	Cum. Slurry Volume (bbl)	Stage Prop (lb)	Cum. Prop. (lb)	Avg. Surface Pressure (psi)	Stage Time (min)	Cum. Time (min)
Load hole	500	500	11.9	11.9	0	0	5063	2.4	2.4
PAD	20000	20500	476.2	488.1	0	0	4498	11.9	14.3
1.0 PPA	5000	25500	124.4	612.5	5000	5000	4475	3.1	17.4
2.0 PPA	7000	32500	181.7	794.3	14000	19000	4435	4.5	21.9
3.0 PPA	8000	40500	216.3	1010.6	24000	43000	4375	5.4	27.3
4.0 PPA	9000	49500	253.0	1263.6	36000	79000	4314	6.3	33.7
5.0 PPA	8000	57500	233.5	1497.2	40000	119000	4253	5.8	39.5
6.0 PPA	5500	63000	167.2	1664.3	33000	152000	4219	4.2	43.7
Flush	2029	65029	48.3	1712.6	0	152000	4776	1.2	44.9

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. Return well to production and test Blinebry separately until cleaned up and productivity is determined (pumped off and good well test).

Final Completion

After determining which zones are productive TIH and combine zones. Hang well on production.

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State of New Mexico
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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-102
Revised July 16, 2010
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-25634	6660	Blineberry Oil & Gas (OIL)

[4] Property Code	[5] Property Name	[6] Well Number
~~2590~~ 300650	A. L. Christmas NCT-C	13

[7] OGRID No.	[8] Operator Name	[9] Elevation
005380	XTO Energy Inc.	3413' GL

[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
A	18	22S	37E		660	North	850	East	Lea

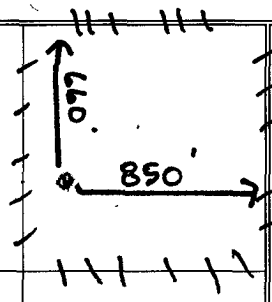
[11] Bottom Hole Location If Different From Surface

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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			

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

Patty Urias 7/21/10
Signature Date

Patty Urias
Printed Name

patty_urias@xtoenergy.com
E-mail Address

[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 Surveyor

Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-25634	60240	Tubb B&G (OIL)

[4] Property Code	[5] Property Name	[6] Well Number
~~2596~~ 300650	A. L. Christmas NCT-C	13

[7] OGRID No.	[8] Operator Name	[9] Elevation
005380	XTO Energy Inc.	3413' GL

[10] Surface Location

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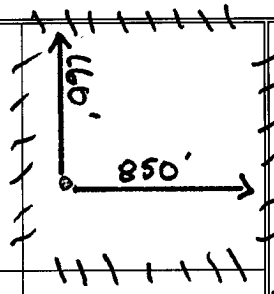

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Patty Urias 7/21/10
Signature Date

Patty Urias
Printed Name

patty_urias@xtoenergy com
E-mail Address

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Signature and Seal of Professional Surveyor

Certificate Number