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

State of New Mexico **Energy Minerals and Natural Resources**

June 1, 2004

Form C-144

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

For drilling and production facilities, submit to appropriate NMOCD District Office.

For downstream facilities, submit to Santa Fe office

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

Pit or Below-Grade Tank Registration or Closure
Is pit or below-grade tank covered by a "general plan"? Yes No

	or below-grade tank Closure of a pit or below-g	
Operator: XTO ENERGY INC.		nail address:
Address: 2700 FARMINGTON AVE BLDG. K. S	SUITE 1. FARMINGTON, NM 87	401
	API#: 30-045- 25731 U/L or Qt	
County: SAN JUAN Latitude 36.67163 Longitude 16		Owner Federal State Private Indian
<u>Pit</u>	Below-grade tank	
Type: Drilling Production Disposal M BLOW	Volume:bbl_Type of fluid:	
Workover Emergency	Construction materia	\
Lined Unlined 🗵	Double-walled, with leak of tection? Yes / If	<u>d\t.</u> explain why not.
Liner type: Synthetic Thicknessmil Clay		
Pit Volumebbl		
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)
high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points) 0
mg. water of the control of ground material,	100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)
water source, or less than 1000 feet from all other water sources.)	No	(0 points)
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)
igation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points) 0
iguiton caratis, anones, and percomina and opinement waterocures.	1000 feet or more	(0 points)
	Ranking Score (Total Points)	0
If this is a pit closure: (1) attach a diagram of the facility showing the pit	s relationship to other equipment and tanks. (2) Indi	icate disposal location: (check the onsite box if
your are burying in place) onsite 🛛 offsite 🔲 If offsite, name of facility_	. (3) Attach a genera	al description of remedial action taken including
remediation start date and end date. (4) Groundwater encountered: No 🏻	Yes If yes, show depth below ground surface	ft. and attach sample results. (5)
Attach soil sample results and a diagram of sample locations and excavation	ns.	25 26 27 28 3a
Additional Comments: PIT LOCATED APPROXIMATEL	Y 189 FT. S30E FROM W	ELL HEAD. AND S
PIT EXCAVATION: WIDTH n/a ft., LENGTH	n/a ft., DEPTH n/a ft	MAR 2008
PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: ☐, C	COMPOST:, STOCKPILE:, OTHER (explain)
Cubic yards: n/a		E SIL COMS. DAY
		B. Jenes
I hereby certify that the information above is true and complete to the bes has been/will be constructed or closed according to NMOCD guidelin	t of my knowledge and belief. I further certify tha es \boxtimes , a general permit \square , or an alternative OCI	t the above-described pit or byldy-Hade cank D-approved plan ⊠.
Date: 10/06/04		
PrintedName/Title Jeff Blagg - P.E. # 11607	Jeffy c.	sig
	Signature	
Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve regulations.		
pproval: AMITY CAL & GAS INSPECTING MISTERS	1 11	ትልያው ው <i>መ</i> ማስሰው
Printed Name/Title S	ignature Brad Tell	Date:Date:

	30093 23731	36.6	1163/101.77473
	G ENGINEERING	=	LOCATION NO: CTO90
· · · · · · · · · · · · · · · · · · ·	87, BLOOMFIELD 505) 632-1199	, NM 87413	COCR NO: 12496
FIELD REPORT: PIT CL	OSURE VERIFI	CATION	PAGE No: of
LOCATION: NAME: DAY GC	WELL#: \E TYPE	βιου	DATE STARTED: 10/4/04
QUAD/UNIT: M SEC: 7 TWP: 280 RNC			DATE FINISHED:
QTR/FOOTAGE: 7905/790 W			ENVIRONMENTAL SPECIALIST:
EXCAVATION APPROXNA_ FT. x			
	REMEDIA		
LANDUSE: RANGE - BLM			
FIELD NOTES & REMARKS: PIT LOC			
DEPTH TO GROUNDWATER: 2/00 NEAREST W			CE WATER:
NMOCD RANKING SCORE: NMOCD TPH	CLOSURE STD: 5000 PF		
SOIL AND EXCAVATION DESCRIPT	ION:		0. = 53.5 ppm = 100 ppm RF = 0.52
			am/600 DATE: 10/4/04
SOIL TYPE: SAND/SILTY SAND / SILT / SILTY (SOIL COLOR: OUVE TO MED.	CLAY / CLAY / GRAVEL / OTHI	ĒR	
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY	COHESIVE / COHESIVE / HIGHLY	COHESIVE	
CONSISTENCY (NON COHESIVE SOILS): LOOSE /ERN PLASTIGITY (CLAYO): NON PLASTIC / SLIGHTLY PLAST		HIGHLY PLASTIC	
DENSITY (COHESIVE CLAYO & SILTS): SOFT / FIRM / ST	IFF / VERY STIFF / HARD		(uoseo)
MOISTURE: DRY / STIGHTLY MOIST / MOIST / WET / SA DISCOLORATION/STAINING OBSERVED: YES NO EX	TURATED / SUPER SATURATED	HOWE INTERNA	
HC ODOR DETECTED: YES NO EXPLANATION - TE	ST HOLE & oum SAN	npe	
SAMPLE TYPE: GRAB) COMPOSITE - # OF PTS			
	FIELD 418.1 CALC	ULATIONS	
SCALE SAMP. TIME SAMP. ID	LAB NO. WEIGHT (g)	mL FREON DIL	UTION READING CALC. (ppm)
0 FT			
PIT PERIMETER			PIT PROFILE
NO PERIMETER	OVM		TITROFILL
Weil .	READING	_	
HEAD 46	SAMPLE FIELD HEADSPACE ID (ppm)	_	
BERN	1@ 20' 283 2@		
	3 @ 4 @	_	
P.O.	5 @		
46 8.6.		70	T APPLICABLE
1 20/		_	
		_	
	LAB SAMPLES		
7.H;	DEZO TPH(80158) /42	 i	
7.H; W 15, B.P.D.	" BTEX (80218) "	_	
TIDE THE DELINE COOK, D.O DELOTE CHADE, D. DELOTE	(PASSED)		
TRAVEL NOTES: CALLOUT: 10/4/04~	-MORN	10/4/04-	12-7-0
CALLOUT: 10/4/89	ONSITE:	10/4/04-	AT ICK.



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 20'	Date Reported:	10-06-04
Laboratory Number:	30879	Date Sampled:	10-04-04
Chain of Custody No:	12496	Date Received:	10-05-04
Sample Matrix:	Soil	Date Extracted:	10-05-04
Preservative:	Cool	Date Analyzed:	10-06-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	165	0.2
Diesel Range (C10 - C28)	140	0.1
Total Petroleum Hydrocarbons	305	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Day GC #1E Blow Pit Grab Sample.

Analyst Call

Mistine of Walter



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 20'	Date Reported:	10-06-04
Laboratory Number:	30879	Date Sampled:	10-04-04
Chain of Custody:	12496	Date Received:	10-05-04
Sample Matrix:	Soil	Date Analyzed:	10-06-04
Preservative:	Cool	Date Extracted:	10-05-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	2.6	1.8	
Toluene	1,030	1.0 1.7	
Ethylbenzene	363	1.5	
p,m-Xylene	1,570	2.2	
o-Xylene	718	1.0	
Total BTEX	3,680		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Day GC #1E Blow Pit Grab Sample.

Analyst P. ayum

Review Walter

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

State of New Mexico Energy Minerals and Natural Resources

For di approp For de office

For drilling and production facilities, submit to appropriate NMOCD District Office.

For downstream facilities, submit to Santa Fe

Form C-144

June 1, 2004

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

Pit or Below-Grade Tank Registration of	or Closure
Is pit or below-grade tank covered by a "general plan"?	Yes 🛛 No 🗌

Type of action: Registration of a pit or below-grade tank Closure of a pit or below-grade tank				
Operator: XTO ENERGY INC. Telephone: (505)-324-1090 e-mail address:				
Address: 2700 FARMINGTON AVE BLDG. K. S	UITE 1. FARMINGTON. NM 8740	01		
	API #: 30-045- 25731 U/L or Qtr/0			
County: SAN JUAN Latitude 36.67163 Longitude 10	7.94293 NAD: 1927 ☐ 1983 ⊠ Surface O	wner Federal 🔀 State 🔝 Private 🔝 Indian 🔝		
Pit - SERARATOR	Below-grade tank			
Type: Drilling Production Disposal SEPARATOR	Volume:bbl_Type of fluid:			
Workover	Construction material:			
Lined Unlined 🛛	Double-walled, with leak of tection? Yes I If	t, explain why not.		
Liner type: Synthetic Thicknessmil Clay _				
Pit Volumebbl				
	Less than 50 feet	(20 points)		
Depth to ground water (vertical distance from bottom of pit to seasonal	50 feet or more, but less than 100 feet	(10 points) 0		
high water elevation of ground water.)				
	100 feet or more	(0 points)		
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)		
	No	(0 points) 0		
water source, or less than 1000 feet from all other water sources.)				
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)		
gation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points) 0		
gation canais, differes, and perenimal and epitemeral watercourses.)	1000 feet or more	(0 points)		
	Ranking Score (Total Points)	0		
	Tunning Scott (Total Totals)	<u> </u>		
<u>If this is a pit closure:</u> (1) attach a diagram of the facility showing the pit's	relationship to other equipment and tanks. (2) Indica	ate disposal location: (check the onsite box if		
your are burying in place) onsite \square offsite \square If offsite, name of facility	. (3) Attach a general of	description of remedial action taken including		
remediation start date and end date. (4) Groundwater encountered: No 🛛 Y	es If yes, show depth below ground surface	ft. and attach sample results. (5)		
Attach soil sample results and a diagram of sample locations and excavation		25 26 27 28 30		
Additional Comments: PIT LOCATED APPROXIMATELY		THEADY SA		
PIT EXCAVATION: WIDTH n/a ft., LENGTH		MAD		
		AECENSO 3		
PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: ☐, C	OMPOST: 🔲, STOCKPILE: 🔲, OTHER 🔲 (ex	plain) On house		
Cubic yards: n/a		Proposition of the state of the		
		See Comments		
		Sel.		
I hereby certify that the information above is true and complete to the best	of my knowledge and belief. I further certify that t	31 70 00 (6 7)		
has been/will be constructed or closed according to NMOCD guideline	s ☑, a general permit □, or an alternative OCD-	approved plan 🗵.		
Date: 10/06/04				
Date:				
PrintedName/Title Jeff Blagg - P.E. # 11607 Signature				
PrintedName/Title Jeff Blagg - P.E. # 11607	Signature			
Your certification and NMOCD approval of this application/closure does n	ot relieve the operator of liability should the contents	of the pit or tank contaminate ground water or		
otherwise endanger public health or the environment. Nor does it relieve to	he operator of its responsibility for compliance with a	ny other federal, state, or local laws and/or		
regulations.				
	-			
proval: DEPUTY OIL & GAS INSPECTED, DUST. (2)		MAD O - and		
Printed Name/TitleSi	gnature Rel Deall	Date: MAR 2 7 2006		
	•			

	CLIENT: XTO	P.O. BOX	87, BLO		•	13		CT090
-		(505) 632	2-1199		COC	R NO:	
	FIELD REPORT	T: PIT CL	OSURE	VERIFI	CATIO	N PAGE	E No:/	of/_
	LOCATION: NAME: DAY		WELL#:		5EP.		STARTED:	
	QUAD/UNIT: M SEC: 7	1	1				ONMENTAL	,
-	QTR/FOOTAGE: 790'5			RACTOR: KELL			ALIST:	NV
1	EXCAVATION APPROX			,				NA
I	0.	00/-5/7		REMEDIA		- · -	CLUSE AS	2 /2
ŀ	FIELD NOTES & REMAR			ST 047				UK
ŀ	DEPTH TO GROUNDWATER: >/4	FIT LOCA		>/000				
1	NMOCD RANKING SCORE:			5000 PF	_	TOL WAT	LIK	
				'''	OVM CALIB. R	EAD. = 53	.5 ppm	
	SOIL AND EXCAVATION	DIN DESCRIPT	ION:		OVM CALIB. G	AS = _/c	ppm	$\frac{RF = 0.52}{4/64}$
I	SOIL TYPE: (SAND) SILTY SA	ND / SILT / SILTY (CLAY / CLAY /	GRAVEL / OTH	TIME:Z:3(ノ DATE:	10/4/04
		TO MED. ER	ay					
l	CONSISTENCY (NON COHESIVE S				CONESIVE			
ľ	PLASTICITY (CLAYS): NON PLAST DENSITY (COHESIVE CLAYS & SIL				HIGHLY PLASTIC	:	,	CUS#5)
1	MOISTURE: DRY / SLIGHTLY MOIS	MOIST WET / SAT	URATED / SUPE	R SATURATED			(
I	DISCOLORATION/STAINING OBSEINC ODOR DETECTED: YES NO E	RVED: YESY NO EXP EXPLANATION - TE	LANATION S	L DUM TA	mple mple	rerual.		
	SAMPLE TYPE: GRAB COMPOSIT	E - # OF PTS		<u> </u>				
	ADDITIONAL COMMENTS:							
ı	SCALE SAMP. TI	ME SAMP, ID	LAB NO.	ELD 418.1 CALC WEIGHT (g)		DILUTION	READING	CALC. (ppm)
ł				N = 10111 (g/				олдо: (рр.ш)
ı	0 FT							
	PIT PERIME		1 •	o∨M		PITP	ROFIL	E
	ı	P. O.	_	ADING				
	20	1 / 8.6.	SAMPLE ID	FIELD HEADSPACE (ppm)				
	BERM		1 @ (5' 2 @	258	_			
	TT	1	3 @ 4 @					
ł	21' 2	-	5 @		-	JOT ,	APPU CA	0 F
	21 1	10				,	777U G7	800
1					7			
	1	WELL UEAD						
i		HEAD						
	T SEP	HEAD	CANDIE .	AMPLES				
	SEP	HEAD	SAMPLE A De15' TPH	NALYSIS TIME				
	T SEP	HEAD .	SAMPLE A De15' TPH " BE	NALYSIS TIME (80158) / 915 ×(80218) A				
	COMPR. P.D. = PIT DEPRESSION; B.G. = BELO	HEAD HEAD 13 7, D W GRADE: B = BELOW	SAMPLE A DO(5' TP) " BE	NALYSIS TIME				
	compr.	HEAD HEAD HEAD HEAD HEAD HEAD HEAD HEAD	SAMPLE A DO(5' TP) " BE	NALYSIS TIME ((80158) / 915 ×(80218) A				



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 15'	Date Reported:	10-06-04
Laboratory Number:	30880	Date Sampled:	10-04-04
Chain of Custody No:	12496	Date Received:	10-05-04
Sample Matrix:	Soil	Date Extracted:	10-05-04
Preservative:	Cool	Date Analyzed:	10-06-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,270	0.2
Diesel Range (C10 - C28)	1,540	0.1
Total Petroleum Hydrocarbons	2,810	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Day GC #1E Separator Pit Grab Sample.

Analyst C. Que

Mistine m Wasters
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 15'	Date Reported:	10-06-04
Laboratory Number:	30880	Date Sampled:	10-04-04
Chain of Custody:	12496	Date Received:	10-05-04
Sample Matrix:	Soil	Date Analyzed:	10-06-04
Preservative:	Cool	Date Extracted:	10-05-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	147	1.8	
Toluene	1,270	1.7	
Ethylbenzene	486	1.5	
p,m-Xylene	1,820	2.2	
o-Xylene	990	1.0	
Total BTEX	4,710		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery	
	Fluorobenzene	98 %	
	1,4-difluorobenzene	98 %	
	Bromochlorobenzene	98 %	

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Day GC #1E Separator Pit Grab Sample.

Analyst C. Cercen

Review Muchel