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

Form C-144 June 1, 2004

District III
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

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

# Pit or Below-Grade Tank Registration or Closure

	ered by a "general plan"? Yes 🗹 No 🗌							
(WFS CLOSJRE) Type of action: Registration of a pit or below	y-grade tank Closure of a pit or below-grade tank	<b>✓</b>						
Operator: XTO ENERGY, INC. Telephone:	e-mail address:							
Address: 2700 FARMINGTON AVENUE FARMINGTON, NM 87401								
Facility or well name: CANYON #002 API #: 30-045-	22129 U/L or Qtr/Qtr I SEC	9 T <u>25N</u> R <u>11W</u>						
County: <u>SAN JUAN</u> Surface Owner: Federal ✓ State ☐ Private ☐ Indian ☐	NAD: 1927 <b>☑</b> 1983 □							
Pit  Type: Drilling □ Production ✓ Disposal □	Below-grade tank  Volume: bbl Type of fluid:							
	Construction Material:							
Workover Emergency	Double-walled, with leak detection? Yes 🖾 If not, explain why not.							
Lined Unlined U								
Liner Type: Synthetic Thickness mil Clay Pit Volume 51 bbl								
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) <u>0</u> (0 points)						
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) <u>0</u>						
Distance to surface water: (Horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet	(20 points) <u>0</u> (10 points) <u>0</u> (0 points)						
	Ranking Score (TOTAL POINTS):	<u>0</u>						
If this is a pit closure: (1)Attach a diagram of the facility showing the pit's relationsite box if your are burying in place) onsite ✓ offsite ☐ If offsite, name action taken including remediation start date and end date. (4)Groundwater encour and attach sample results. (5)Attach soil sample results and a diagram of sample location.	ntered: No V Yes I If yes, show people of the carries and excavations.	eneral description of remedial						
Additional Comments:	Outside Outside	67718 1920773						
I hereby certify that the information above is true and complete to the best of my k	nowledge and belief. I further certify that the above-describe a general permit , a general permit , or an (attached) alternative OC							
tank has been/will be constructed or closed according to NMOCD guidelines	1	D-approved plan						
Date:9/18/05 Printed Name/Title Mark Harvey for Williams Field Services Sig	gnature MI Zong, For WPS							
Your certification and NMOCD approval of this application/closure does not relie or otherwise endanger public health or the environment. Nor does it relieve the op regulations.	ve the operator of liablility should the contents of the pit or ta erator of its responsibility for compliance with any other federal	ank contaminate ground water eral, state, or local laws and/or						
Approval:  Printed Name/Title CPUTY CL & GAS INSPECTOR, DIST. Sign.	ature Weiny Family	OCT 1 2 2005						

#### **ADDENDUM TO OCD FORM C-144**

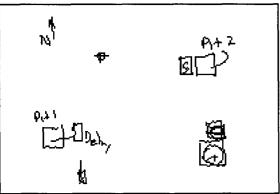
Operator: XTO ENERGY, INC.

Well Name: CANYON #002

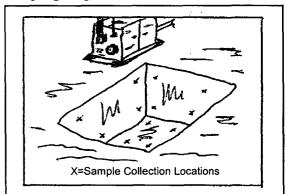
API 30-045-22129

Meter: 33191

**Facility Diagram:** 



Sampling Diagram:



**Pit Dimensions** 

Length 12 Ft.

Width 12 Ft. Depth 2 Ft. **Location of Pit Center** 

Latitude 36 24 52.5

Longitude 107 00 11.5

(NAD 1927)

Pit ID

331911

Pit Type

Glycol Dehydrator

Date Closure Started: 12/17/04

Closure Method:

Excavated, Blended, Treated Soil Returned

**Date Closure Completed:** 12/17/04

**Bedrock Encountered?** 

Cubic Yards Excavated: 64

Vertical Extent of Equipment Reached? ✓

**Description Of Closure Action:** 

Contaminated soil was removed and treated then returned to the excavation following sampling of the walls and floor.

Vertical extent of excavation limited by equipment

Pit Closure Sampling:

Sample ID

Sample Date

Head Space

**BTEX** Total (mg/kg) Benzene (mg/kg)

TPH DRO (mg/kg) Purpose

Location

Depth

080517DEC04 12/17/04 2400 ASSESS 694 51 Flr

093017DEC04 34 0 12/17/04 75.1 1300 EX Confirm Walls 11 See Risk Analysis

094017DEC04 12/17/04 97 289 0 930 EX Confirm Flr 12 See Risk Analysis



Pace Analytical Services, Inc.

9608 Loiret Blvd. Lenexa, KS 66219

Phone: 913.599.5665 Fax: 913.599.1759

Lab Project Number: 6090504

Client Project ID: N. Mex. Pits Program

Lab Sample No: 607796505 Project Sample Number: 6090504-021 Date Collected: 12/17/04 08:05

Client Sample ID: 080517DEC04 Matrix: Soil Date Received: 01/04/05 08:50

Parameters	Results	<u> </u>	<u>Report Limit</u>	<u>DF</u>	Analyze	d By	CAS No.	Qual	RegLmt
GC Semivolatiles									
Total Extractable Hydrocarbons	Prep/Method:	0A2 / 0A2							
Mineral Spirits	ND	mg/kg	12.	1.2	01/07/05 16	:49 RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	01/07/05 16	:49 RMN1			
Kerosene	ND	mg/kg	12.	1.2	01/07/05 16	:49 RMN1	-		
Diesel Fuel	ND	mg/kg	12.	1.2	01/07/05 16	:49 RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	01/07/05 16	:49 RMN1	68334-30-5		*
Motor Oil	ND	mg/kg	12.	1.2	01/07/05 16	:49 RMN1			
Total Petroleum Hydrocarbons	2400	mg/kg	12.	1.2	01/07/05 16	:49 RMN1		4	
n-Tetracosane (S)	286	*		1.0	01/07/05 16	:49 RMN1	646-31-1	9	
p-Terphenyl (S)	93	*		1.0	01/07/05 16	:49 RMN1	92-94-4		
Date Extracted	01/06/05				01/06/05				
Organics Prep									
Percent Moisture	Method: SM 2	540G							
Percent Moisture	17.8	*		1.0	01/06/05	ALJ1			
GC Volatiles									
Aromatic Volatile Organics	Prep/Method:	EPA 5030	Medium Soil / E	PA 8021	l				
Benzene	51000	ug/kg	6000	120	01/10/05 11	:21 SHF	71-43-2		
Ethylbenzene	23000	ug/kg	6000	120	01/10/05 11	:21 SHF	100-41-4		
Toluene	320000	ug/kg	6000		01/10/05 11		108-88-3		
Xylene (Total)	300000	ug/kg	16000	120	01/10/05 11		1330-20-7		
a,a,a-Trifluorotoluene (S)	121	% %		1.0	01/10/05 11		98-08-8	2,3	

Date: 01/12/05

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Client Sample ID: 093017DEC04

Pace Analytical Services, Inc.

9608 Loiret Blvd. Lenexa, KS 66219

Phone: 913.599.5665 Fax: 913.599.1759

Lab Project Number: 6090504

Client Project ID: N. Mex. Pits Program

Lab Sample No: 607796497 Project Sample Number: 6090504-020

Matrix: Soil

Date Collected: 12/17/04 09:30

: Soil Date Received: 01/04/05 08:50

Parameters	Results	Units	Report Limit	t <u>DF</u>	Analyzed	Ву	CAS No.	Qual RegLmt
GC Semivolatiles								
Total Extractable Hydrocarbons	Prep/Method:	0A2 / 0A2						
Mineral Spirits	ND	mg/kg	11.	1.1 01	/07/05 00:13	RMN1		
Jet Fuel	ND	mg/kg	11.	1.1 01	/07/05 00:13	RMN1		
Kerosene	ND	mg/kg	11.	1.1 01	/07/05 00:13	RMN1		
Diesel Fuel	ND	mg/kg	11.	1.1 01	/07/05 00:13	RMN1	68334-30-5	
Fuel Oil	ND	mg/kg	11.	1.1 01	/07/05 00:13	RMN1	68334-30-5	•
Motor Oil	ND	mg/kg	11.	1.1 01	/07/05 00:13	RMN1		
Total Petroleum Hydrocarbons	1300	mg/kg	11.	1.1 01	/07/05 00:13	RMN1		4
n-Tetracosane (S)	129	*		1.0 01	/07/05 00:13	RMN1	646-31-1	
p·Terphenyl (S)	128	*		1.0 01	/07/05 00:13	RMN1	92-94-4	
Date Extracted	01/05/05			01,	/05/05			
Organics Prep								
Percent Moisture	Method: SM 2	540G						
Percent Moisture	11.8	*		1.0 01	/05/05	ALJ1		
GC Volatiles								
Aromatic Volatile Organics	Prep/Method:	EPA 5030 M	edium Soil /	EPA 8021				
Benzene	ND	ug/kg	1400		/08/05 02:34	SHF	71-43-2	
Ethylbenzene	2300	ug/kg	1400	28.3 01	/08/05 02:34	SHF	100-41-4	
Toluene	5800	ug/kg	1400	28.3 01	/08/05 02:34	SHF	108-88-3	
Xylene (Total)	67000	ug/kg	3700	28.3 01.	/08/05 02:34	SHF	1330-20-7	
a,a,a-Trifluorotoluene (S)	85	*		1.0 01	/08/05 02:34	SHF	98-08-8	2,7

Date: 01/12/05

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Pace Analytical Services, Inc.

9608 Loiret Blvd. Lenexa, KS 66219

Phone: 913.599.5665 Fax: 913.599.1759

Lab Project Number: 6090504

Client Project ID: N. Mex. Pits Program

Date Collected: 12/17/04 09:40 Lab Sample No: 607796489 Project Sample Number: 6090504-019

> Date Received: 01/04/05 08:50 Matrix: Soil

Client Sample ID: 094017DEC04

_						_	040 11	0 - 7	D1-4
Parameters	Results	<u>Units</u>	Report Limit	DF_	Analyzed	<u>By</u>	CAS No.	Quai	RegLmt
GC Semivolatiles									
Total Extractable Hydrocarbons	Prep/Method:	0A2 / 0A2							
Mineral Spirits	ND	mg/kg	11.	1.1	01/06/05 23:5	6 RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	01/06/05 23:5	6 RMN1			
Kerosene	ND	mg/kg	11.	1.1	01/06/05 23:5	6 RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	01/06/05 23:5	6 RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	01/06/05 23:5	6 RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	01/06/05 23:5	6 RMN1			
Total Petroleum Hydrocarbons	930	mg/kg	11.	1.1	01/06/05 23:5	6 RMN1		4	
n-Tetracosane (S)	130	*		1.0	01/06/05 23:5	6 RMN1	646-31-1		
p-Terphenyl (S)	125	*		1.0	01/06/05 23:5	6 RMN1	92-94-4		
Date Extracted	01/05/05				01/05/05				
Organics Prep									
Percent Moisture	Method: SM 2	540G							
Percent Moisture	6.4	*		1.0	01/05/05	ALJ1			
GC Volatiles								٠	
Aromatic Volatile Organics	Pren/Method:	EPA 5030 M	edium Soil / EF	A 802	1				
Benzene	ND	ug/kg	4400		01/06/05 21:3	IS SHE	71-43-2		
Ethylbenzene	21000	ug/kg ug/kg	4400		01/06/05 21:3		100-41-4		
Toluene	58000	ug/kg ug/kg	4400		01/06/05 21:3		108-88-3		
	210000	• •	12000		01/06/05 21:3	-	1330-20-7		
Xylene (Total)		ug/kg	12000					27	
a,a,a-Trifluorotoluene (S)	91	%		1.0	01/06/05 21:3	אל אור	98-08-8	2,7	

Date: 01/12/05

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