

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

Form C-144  
June 1, 2004

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

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

(WFS CLOSURE)

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: XTO ENERGY, INC. Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: 2700 FARMINGTON AVENUE FARMINGTON, NM 87401  
Facility or well name: CANYON #007 API #: 30-045-21421 U/L or Qtr/Qtr Q SEC 22 T 25N R 11W  
County: SAN JUAN Latitude 36.39603 Longitude -107.9874 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

Liner Type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐

Pit Volume 51 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction Material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☒ If not, explain why not.

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)  
(0 points)

0

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)

0

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)  
(10 points)  
(0 points)

0

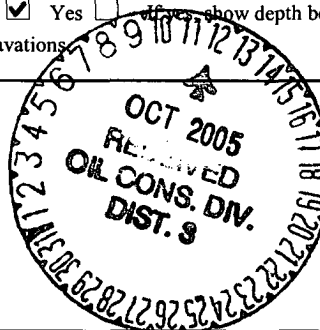
**Ranking Score (TOTAL POINTS):**

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) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general 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 excavations.

Additional Comments:

Vertical  
Extent?  
outside



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☒

Date: 9/18/05

Printed Name/Title Mark Harvey for Williams Field Services Signature Mark Harvey

Your certification and NMOCD approval of this application/closure does not 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 the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. 8

Signature Henry Ford

Date: OCT 12 2005

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

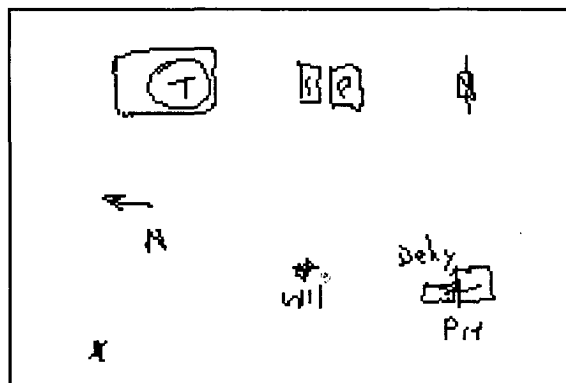
**Operator:** XTO ENERGY, INC.

**API** 30-045-21421

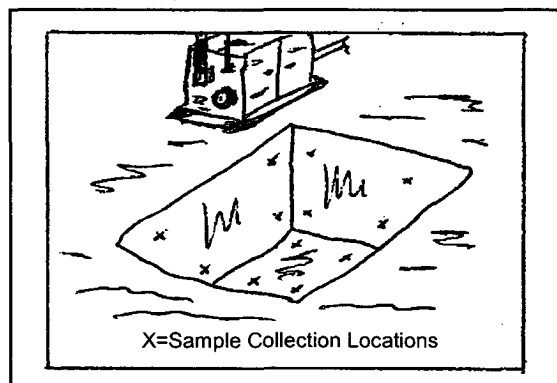
**Well Name:** CANYON #007

**Meter:** 33136

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.

Width 12 Ft.

Depth 2 Ft.

**Location of Pit Center**

Latitude 36.39572

Longitude -107.98742

(NAD 1927)

**Pit ID**

331361

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 12/9/04

**Date Closure Completed:** 12/9/04

**Closure Method:** Excavated, Blended, Treated Soil Returned

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:** 100

**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
110509DEC04	12/9/04	12	0.2	0	46	EX Confirm	Walls	9
111209DEC04	12/9/04	251	105.1	0	780	EX Confirm	Flr	12
152817JUN04	6/17/04		269	25	570	ASSESS	Flr	3.5

See Risk Analysis

Lab Project Number: 6083735  
Client Project ID: NM PITS

Lab Sample No: 607217957  
Client Sample ID: 152817JUN04

Project Sample Number: 6083735-015  
Matrix: Soil

Date Collected: 06/17/04 15:28  
Date Received: 06/18/04 10:25

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	11.	1.1	06/30/04 06:07	DCKI			
Jet Fuel	ND	mg/kg	11.	1.1	06/30/04 06:07	DCKI			
Kerosene	ND	mg/kg	11.	1.1	06/30/04 06:07	DCKI			
Diesel Fuel	ND	mg/kg	11.	1.1	06/30/04 06:07	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	06/30/04 06:07	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	06/30/04 06:07	DCKI			
Total Petroleum Hydrocarbons	570	mg/kg	11.	1.1	06/30/04 06:07	DCKI		8	
n-Tetracosane (S)	104	%		1.0	06/30/04 06:07	DCKI	646-31-1		
p-Terphenyl (S)	109	%		1.0	06/30/04 06:07	DCKI	92-94-4		
Date Extracted	06/22/04				06/22/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	9.2	%		1.0	06/22/04	DPB			

### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	25000	ug/kg	1100	21.9	06/23/04 13:22	ARF	71-43-2		
Ethylbenzene	12000	ug/kg	1100	21.9	06/23/04 13:22	ARF	100-41-4		
Toluene	140000	ug/kg	1100	21.9	06/23/04 13:22	ARF	108-88-3		
Xylene (Total)	92000	ug/kg	2800	21.9	06/23/04 13:22	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	154	%		1.0	06/23/04 13:22	ARF	98-08-8	7	

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6089937  
Client Project ID: NM Pits

Lab Sample No: 607745551  
Client Sample ID: 110509DEC04

Project Sample Number: 6089937-012  
Matrix: Soil

Date Collected: 12/09/04 11:05  
Date Received: 12/14/04 13:00

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	11.	1.1	12/16/04 20:13	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	12/16/04 20:13	RMN1			
Kerosene	ND	mg/kg	11.	1.1	12/16/04 20:13	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	12/16/04 20:13	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	12/16/04 20:13	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	12/16/04 20:13	RMN1			
Total Petroleum Hydrocarbons	46.	mg/kg	11.	1.1	12/16/04 20:13	RMN1		1	
n-Tetracosane (S)	104	%		1.0	12/16/04 20:13	RMN1	646-31-1		
p-Terphenyl (S)	124	%		1.0	12/16/04 20:13	RMN1	92-94-4		
Date Extracted	12/16/04				12/16/04				

### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 9.3 % 1.0 12/16/04 ALJ1

### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	55.	1.1	12/20/04 22:12		71-43-2		
Ethylbenzene	ND	ug/kg	55.	1.1	12/20/04 22:12		100-41-4		
Toluene	ND	ug/kg	55.	1.1	12/20/04 22:12		108-88-3		
Xylene (Total)	200	ug/kg	140	1.1	12/20/04 22:12		1330-20-7		
a,a,a-Trifluorotoluene (S)	98	%		1.0	12/20/04 22:12		98-08-8		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6089937  
Client Project ID: NM Pits

Lab Sample No: 607745544  
Client Sample ID: 111209DEC04

Project Sample Number: 6089937-011  
Matrix: Soil

Date Collected: 12/09/04 11:12  
Date Received: 12/14/04 13:00

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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#### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	11.	1.1	12/16/04 19:55	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	12/16/04 19:55	RMN1			
Kerosene	ND	mg/kg	11.	1.1	12/16/04 19:55	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	12/16/04 19:55	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	12/16/04 19:55	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	12/16/04 19:55	RMN1			
Total Petroleum Hydrocarbons	780	mg/kg	11.	1.1	12/16/04 19:55	RMN1		3	
n-Tetracosane (S)	118	%		1.0	12/16/04 19:55	RMN1	646-31-1		
p-Terphenyl (S)	132	%		1.0	12/16/04 19:55	RMN1	92-94-4		
Date Extracted	12/16/04				12/16/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	8.5	%		1.0	12/16/04	ALJ1			

#### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	1900	37.0	12/20/04 21:17		71-43-2		
Ethylbenzene	7100	ug/kg	1900	37.0	12/20/04 21:17		100-41-4		
Toluene	18000	ug/kg	1900	37.0	12/20/04 21:17		108-88-3		
Xylene (Total)	80000	ug/kg	4800	37.0	12/20/04 21:17		1330-20-7		
a,a,a-Trifluorotoluene (S)	90	%		1.0	12/20/04 21:17		98-08-8		

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