

District I  
1625 N. Francis 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: HANSON #003 API #: 30-045-21428 U/L or Qtr/Qtr D SEC 5 T 25N R 10W  
County: SAN JUAN Latitude 36.43517 Longitude -107.9255 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 77 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):**

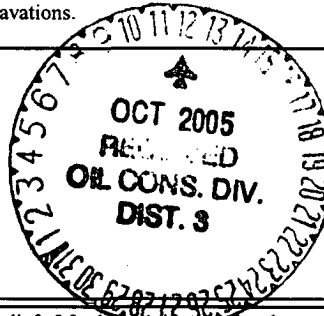
0

**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:

Bedrock

Meter: 86955



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: 9/28/05

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. 3

Signature Danny Reed

Date: OCT 12 2005

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

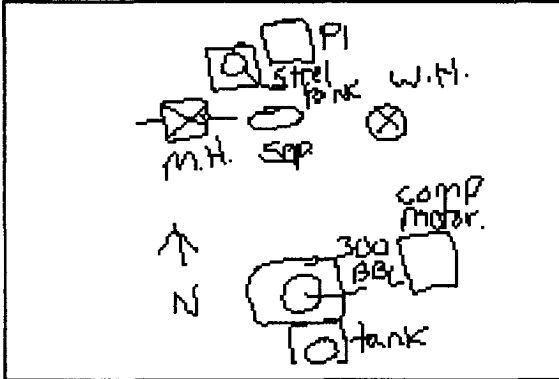
**Operator:** XTO ENERGY, INC.

**API** 30-045-21428

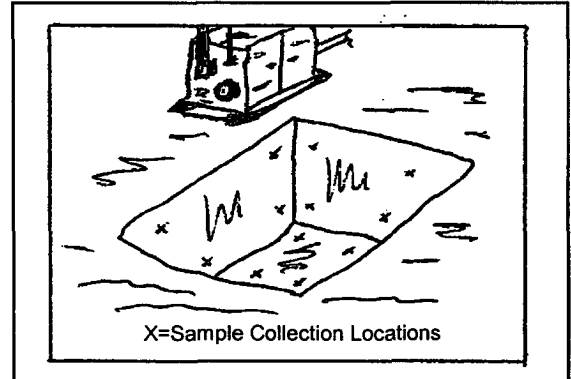
**Well Name:** HANSON #003

**Meter:** 86955

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.

Width 12 Ft.

Depth 3 Ft.

**Location of Pit Center**

Latitude 36.43529

Longitude -107.92571

(NAD 1927)

**Pit ID**

869551

**Pit Type**

Separator

**Date Closure Started:** 12/7/04

**Date Closure Completed:** 12/7/04

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 83

**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.

BEDROCK limited vertical excavation and/or prevented sampling. This condition limits deleterious environmental effects.

**Pit Closure Sampling:**

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth	
133311MAR04	3/11/04		1374	0	2800	ASSESS	Flr	3	
134007DEC04	12/7/04	0	0.988	0	0	EX Confirm	Walls	9	
134507DEC04	12/7/04	357	0	0	0	EX Confirm	Flr	10	See Risk Analysis

Lab Project Number: 6080365

Client Project ID: N.M. Pit Program/Spring 2004

Lab Sample No: 606913861  
Client Sample ID: 133311MAR04

Project Sample Number: 6080365-010  
Matrix: Soil

Date Collected: 03/11/04 13:33  
Date Received: 03/16/04 09:15

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
------------	---------	-------	--------------	----	----------	----	---------	------	--------

### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	65.	6.5	03/20/04 06:41	RMN1			
Jet Fuel	ND	mg/kg	65.	6.5	03/20/04 06:41	RMN1			
Kerosene	ND	mg/kg	65.	6.5	03/20/04 06:41	RMN1			
Diesel Fuel	2800	mg/kg	65.	6.5	03/20/04 06:41	RMN1	68334-30-5	1	
Fuel Oil	ND	mg/kg	65.	6.5	03/20/04 06:41	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	65.	6.5	03/20/04 06:41	RMN1			
n-Tetracosane (S)	125	%		1.0	03/20/04 06:41	RMN1	646-31-1		
p-Terphenyl (S)	235	%		1.0	03/20/04 06:41	RMN1	92-94-4	2	
Date Extracted	03/18/04				03/18/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	24.4	%		1.0	03/18/04	DPB			

### GC Volatiles

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

Benzene	ND	ug/kg	6400	127	03/18/04 22:35	ARF	71-43-2		
Ethylbenzene	74000	ug/kg	6400	127	03/18/04 22:35	ARF	100-41-4		
Toluene	610000	ug/kg	6400	127	03/18/04 22:35	ARF	108-88-3		
Xylene (Total)	690000	ug/kg	16000	127	03/18/04 22:35	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	1030	%		1.0	03/18/04 22:35	ARF	98-08-8	3,4	

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.

Lab Project Number: 6089836  
Client Project ID: N.M. Pits

Lab Sample No: 607735271      Project Sample Number: 6089836-021      Date Collected: 12/07/04 13:40  
Client Sample ID: 134007DEC04      Matrix: Soil      Date Received: 12/10/04 09:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
------------	---------	-------	--------------	----	----------	----	---------	------	--------

### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	11.		1.1 12/15/04 18:38 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 12/15/04 18:38 RMN1				
Kerosene	ND	mg/kg	11.		1.1 12/15/04 18:38 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 12/15/04 18:38 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 12/15/04 18:38 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 12/15/04 18:38 RMN1				
n-Tetracosane (S)	115	%			1.0 12/15/04 18:38 RMN1		646-31-1		
p-Terphenyl (S)	131	%			1.0 12/15/04 18:38 RMN1		92-94-4		
Date Extracted	12/14/04				12/14/04				

### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 13.1 % 1.0 12/15/04 ALJ1

### GC Volatiles

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

Benzene	ND	ug/kg	57.		1.1 12/14/04 22:12		71-43-2		
Ethylbenzene	88.	ug/kg	57.		1.1 12/14/04 22:12		100-41-4		
Toluene	ND	ug/kg	57.		1.1 12/15/04 11:49		108-88-3		
Xylene (Total)	900	ug/kg	150		1.1 12/14/04 22:12		1330-20-7		
a,a,a-Trifluorotoluene (S)	97	%			1.0 12/14/04 22:12		98-08-8		

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.

Lab Project Number: 6089836  
Client Project ID: N.M. Pits

Lab Sample No: 607735289 Project Sample Number: 6089836-022 Date Collected: 12/07/04 13:45  
Client Sample ID: 134507DEC04 Matrix: Soil Date Received: 12/10/04 09:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
------------	---------	-------	--------------	----	----------	----	---------	------	--------

### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	11.		1.1 12/15/04 18:56 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 12/15/04 18:56 RMN1				
Kerosene	ND	mg/kg	11.		1.1 12/15/04 18:56 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 12/15/04 18:56 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 12/15/04 18:56 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 12/15/04 18:56 RMN1				
n-Tetracosane (S)	108	%			1.0 12/15/04 18:56 RMN1		646-31-1		
p-Terphenyl (S)	119	%			1.0 12/15/04 18:56 RMN1		92-94-4		
Date Extracted	12/14/04				12/14/04				

### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 14.3 % 1.0 12/15/04 ALJ1

### GC Volatiles

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

Benzene	ND	ug/kg	58.		1.1 12/14/04 22:41		71-43-2		
Ethylbenzene	ND	ug/kg	58.		1.1 12/14/04 22:41		100-41-4		
Toluene	ND	ug/kg	58.		1.1 12/14/04 22:41		108-88-3		
Xylene (Total)	ND	ug/kg	150		1.1 12/14/04 22:41		1330-20-7		
a,a,a-Trifluorotoluene (S)	96	%			1.0 12/14/04 22:41		98-08-8		

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.