

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-144  
June 1, 2004

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: GALLEGOS #004 API #: 30-045-21291 U/L or Qtr/Qtr Q SEC 33 T 26N R 11W  
County: SAN JUAN Latitude 36.43987 Longitude 108.00735 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

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

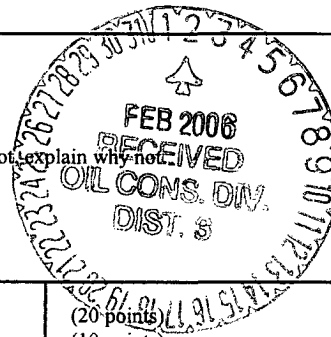
Pit Volume 80 bbl

**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  
(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) 20

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  
(0 points)

**Ranking Score (TOTAL POINTS):**

20

**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:

Meter: 33143

*Bedrock*

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: 10/3/05

Printed Name/Title Mark Harvey for Williams Field Services Signature Mr. Harvey, for WFS

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:

DEPUTY OIL & GAS INSPECTOR, DIST. 8

Printed Name/Title

Signature

*Jerry Fay*

FEB 02 2006  
Date:

# ADDENDUM TO OCD FORM C-144

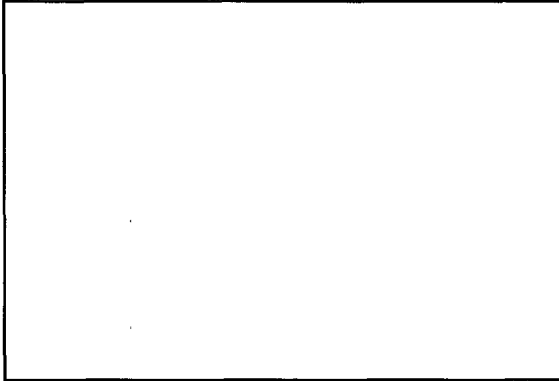
Operator: XTO ENERGY, INC.

API 30-045-21291

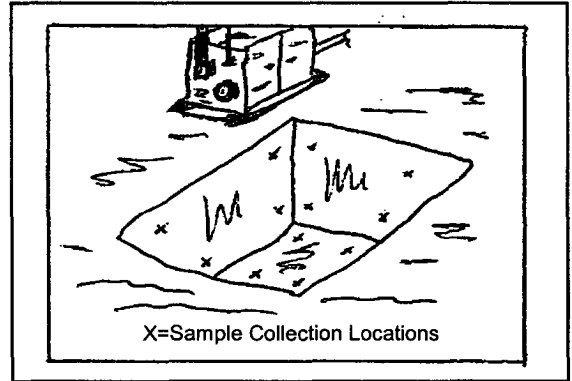
Well Name: GALLEGOS #004

Meter: 33143

## Facility Diagram:



## Sampling Diagram:



### Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

### Location of Pit Center

Latitude 36.43973

Longitude 108.00718

(NAD 1927)

### Pit ID

331431

### Pit Type

Glycol Dehydrator

Date Closure Started: 8/24/05

Date Closure Completed: 8/24/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 75

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
110424AUG05	8/24/05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EX Confirm	Walls	8
111624AUG05	8/24/05	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EX Confirm	Flr	9
140717JUN04	6/17/04	<input type="checkbox"/>	1174	69	2800	ASSESS	Flr	3.5

See Risk Analysis

Lab Project Number: 6099307

Client Project ID: N. Mex Pit Program Summer 2005

Lab Sample No: 608514576  
Client Sample ID: 110424AUG05

Project Sample Number: 6099307-016  
Matrix: Soil

Date Collected: 08/24/05 11:04  
Date Received: 09/02/05 08:30

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.		1.1 09/06/05 22:43 CPR				
Jet Fuel	ND	mg/kg	11.		1.1 09/06/05 22:43 CPR		94114-58-6		
Kerosene	ND	mg/kg	11.		1.1 09/06/05 22:43 CPR				
Diesel Fuel	ND	mg/kg	11.		1.1 09/06/05 22:43 CPR		68553-00-4		
Fuel Oil	ND	mg/kg	11.		1.1 09/06/05 22:43 CPR		68553-00-4		
Motor Oil	ND	mg/kg	11.		1.1 09/06/05 22:43 CPR				
n-Tetracosane (S)	84	%			1.0 09/06/05 22:43 CPR		646-31-1		
p-Terphenyl (S)	65	%			1.0 09/06/05 22:43 CPR		92-94-4	1	
Date Extracted	09/06/05				09/06/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.0	%			1.0 09/06/05	JDM			

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6099307

Client Project ID: N. Mex Pit Program Summer 2005

Lab Sample No: 608514584  
Client Sample ID: 111624AUG05

Project Sample Number: 6099307-017  
Matrix: Soil

Date Collected: 08/24/05 11:16  
Date Received: 09/02/05 08:30

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	12.	1.1	09/06/05 23:04	CPR			
Jet Fuel	ND	mg/kg	12.	1.1	09/06/05 23:04	CPR	94114-58-6		
Kerosene	ND	mg/kg	12.	1.1	09/06/05 23:04	CPR			
Diesel Fuel	ND	mg/kg	12.	1.1	09/06/05 23:04	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	12.	1.1	09/06/05 23:04	CPR	68553-00-4		
Motor Oil	ND	mg/kg	12.	1.1	09/06/05 23:04	CPR			
n-Tetracosane (S)	88	%		1.0	09/06/05 23:04	CPR	646-31-1		
p-Terphenyl (S)	69	%		1.0	09/06/05 23:04	CPR	92-94-4	1	
Date Extracted	09/06/05				09/06/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	14.9	%		1.0	09/06/05	JDM			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	57.	1.1	09/06/05 18:41	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	57.	1.1	09/06/05 18:41	SHF	100-41-4		
Toluene	ND	ug/kg	57.	1.1	09/06/05 18:41	SHF	108-88-3		
Xylene (Total)	ND	ug/kg	150	1.1	09/06/05 18:41	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	103	%		1.0	09/06/05 18:41	SHF	98-08-8		

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Lab Project Number: 6083735  
Client Project ID: NM PITS

Lab Sample No: 607217932  
Client Sample ID: 140717JUN04

Project Sample Number: 6083735-013  
Matrix: Soil

Date Collected: 06/17/04 14:07  
Date Received: 06/18/04 10:25

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

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	24.	2.4	06/30/04 10:23	DCKI			
Jet Fuel	ND	mg/kg	24.	2.4	06/30/04 10:23	DCKI			
Kerosene	ND	mg/kg	24.	2.4	06/30/04 10:23	DCKI			
Diesel Fuel	ND	mg/kg	24.	2.4	06/30/04 10:23	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	24.	2.4	06/30/04 10:23	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	24.	2.4	06/30/04 10:23	DCKI			
Total Petroleum Hydrocarbons	2800	mg/kg	24.	2.4	06/30/04 10:23	DCKI		5	
n-Tetracosane (S)	156	%		1.0	06/30/04 10:23	DCKI	646-31-1	6	
p-Terphenyl (S)	105	%		1.0	06/30/04 10:23	DCKI	92-94-4		
Date Extracted	06/22/04				06/22/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	16.8	%		1.0	06/22/04	DPB			

### GC Volatiles

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

Benzene	69000	ug/kg	5900	117	06/24/04 14:09	ARF	71-43-2		
Ethylbenzene	55000	ug/kg	5900	117	06/24/04 14:09	ARF	100-41-4		
Toluene	470000	ug/kg	5900	117	06/24/04 14:09	ARF	108-88-3		
Xylene (Total)	580000	ug/kg	15000	117	06/24/04 14:09	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	127	%		1.0	06/24/04 14:09	ARF	98-08-8	7	

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