

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**

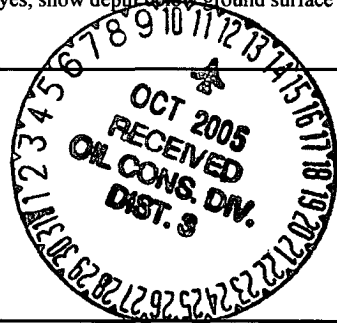
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>XTO ENERGY, INC.</u>		Telephone:	e-mail address:	
Address: <u>2700 FARMINGTON AVENUE FARMINGTON, NM 87401</u>				
Facility or well name: <u>FEDERAL F #001</u>		API #: <u>30-045-06533</u>	U/L or Qtr/Qtr <u>H</u>	SEC <u>16</u> T <u>27N</u> R <u>10W</u>
County: <u>SAN JUAN</u>		Latitude <u>36.57799</u>	Longitude <u>-107.89521</u>	NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>				
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner Type: Synthetic <input checked="" type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>120</u> bbl		<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction Material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> 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) <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) (10 points) <u>0</u> (0 points)
		<b>Ranking Score (TOTAL POINTS):</b>		<u>0</u>

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:

Rish



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: 9/9/05

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: DEPUTY OIL & GAS INSPECTOR, DIST. 3 Signature Denny Felt Date: OCT 12 2005

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

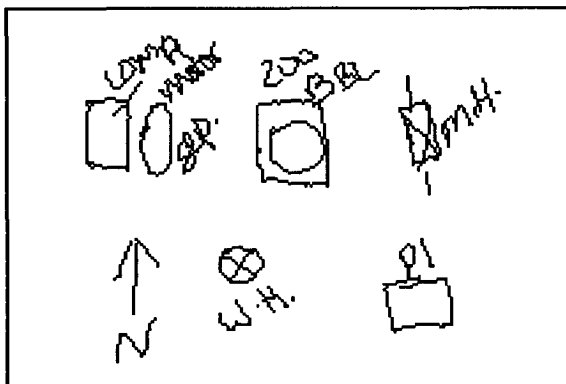
**Operator:** XTO ENERGY, INC.

**API:** 30-045-06533

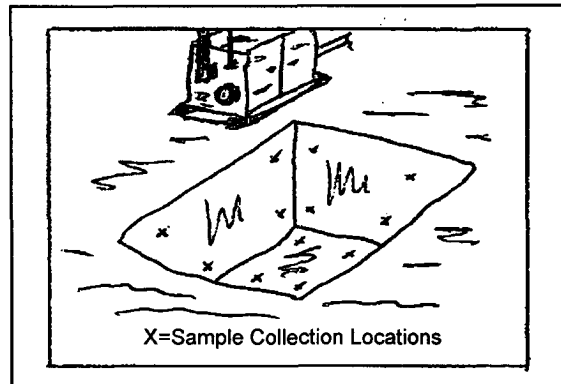
**Well Name:** FEDERAL F #001

**Meter:** 32367

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.

Width 15 Ft.

Depth 3 Ft.

**Location of Pit Center**

Latitude 36.57843

Longitude -107.89524

(NAD 1927)

**Pit ID**

323671

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 4/10/03

**Date Closure Completed:** 4/10/03

**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.

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	
105610APR03	4/10/03	1019	148.1	2.6	510	EX Confirm	Flr	9	See Risk Analysis
110010APR03	4/10/03	75.3	0.34	0	530	EX Confirm	Walls	9	
120307AUG02	8/7/02		2290	130	4900	ASSESS		3	

Lab Project Number: 6069637  
Client Project ID: NM Pits

Lab Sample No: 606002335      Project Sample Number: 6069637-015      Date Collected: 04/10/03 10:56  
Client Sample ID: 105610APR03      Matrix: Soil      Date Received: 04/18/03 11:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	12.		1.1 04/23/03 20:35	MIM			
Jet Fuel	ND	mg/kg	12.		1.1 04/23/03 20:35	MIM			
Kerosene	ND	mg/kg	12.		1.1 04/23/03 20:35	MIM			
Diesel Fuel	510	mg/kg	12.		1.1 04/23/03 20:35	MIM	68334-30-5	2	
Fuel Oil	ND	mg/kg	12.		1.1 04/23/03 20:35	MIM	68334-30-5		
Motor Oil	ND	mg/kg	12.		1.1 04/23/03 20:35	MIM			
n-Tetracosane (S)	115	%			1.0 04/23/03 20:35	MIM	646-31-1		
p-Terphenyl (S)	96	%			1.0 04/23/03 20:35	MIM	92-94-4		
Date Extracted	04/21/03				04/21/03				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	15.1	%			1.0 04/22/03	MAM			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	2600	ug/kg	560		11.2 04/24/03 19:32		71-43-2		
Ethylbenzene	9500	ug/kg	560		11.2 04/24/03 19:32		100-41-4		
Toluene	48000	ug/kg	560		11.2 04/24/03 19:32		108-88-3		
Xylene (Total)	88000	ug/kg	1400		11.2 04/24/03 19:32		1330-20-7		
a,a,a-Trifluorotoluene (S)	99	%			1.0 04/24/03 19:32		98-08-8		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6069637  
Client Project ID: NM Pits

Lab Sample No: 606002343      Project Sample Number: 6069637-016      Date Collected: 04/10/03 11:00  
Client Sample ID: 110010APR03      Matrix: Soil      Date Received: 04/18/03 11:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.	1.1	04/23/03 23:23	MIM			
Jet Fuel	ND	mg/kg	11.	1.1	04/23/03 23:23	MIM			
Kerosene	ND	mg/kg	11.	1.1	04/23/03 23:23	MIM			
Diesel Fuel	530	mg/kg	11.	1.1	04/23/03 23:23	MIM	68334-30-5	5	
Fuel Oil	ND	mg/kg	11.	1.1	04/23/03 23:23	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	04/23/03 23:23	MIM			
n-Tetracosane (S)	92	%		1.0	04/23/03 23:23	MIM	646-31-1		
p-Terphenyl (S)	104	%		1.0	04/23/03 23:23	MIM	92-94-4		
Date Extracted	04/21/03				04/21/03				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	6.6	%		1.0	04/22/03	MAM			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	53.	1.1	04/24/03 20:01		71-43-2		
Ethylbenzene	ND	ug/kg	53.	1.1	04/24/03 20:01		100-41-4		
Toluene	100	ug/kg	53.	1.1	04/24/03 20:01		108-88-3		
Xylene (Total)	240	ug/kg	130	1.1	04/24/03 20:01		1330-20-7		
a,a,a-Trifluorotoluene (S)	86	%		1.0	04/24/03 20:01		98-08-8		

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Lab Project Number: 6061563

Client Project ID: NM PIT ASSESSMENTS

Lab Sample No: 605337567

Client Sample ID: 120307AUG02

Project Sample Number: 6061563-009

Matrix: Soil

Date Collected: 08/07/02 12:03

Date Received: 08/09/02 09:05

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 08/17/02 09:00	MIM			
Jet Fuel	ND	mg/kg	11.		1.1 08/17/02 09:00	MIM			
Kerosene	ND	mg/kg	11.		1.1 08/17/02 09:00	MIM			
Diesel Fuel	4900	mg/kg	11.		1.1 08/17/02 09:00	MIM	68334-30-5	5	
Fuel Oil	ND	mg/kg	11.		1.1 08/17/02 09:00	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 08/17/02 09:00	MIM			
n-Tetracosane (S)	504	%			1.0 08/17/02 09:00	MIM	646-31-1	4	
p-Terphenyl (S)	122	%			1.0 08/17/02 09:00	MIM	92-94-4		
Date Extracted	08/14/02								

#### Organics Prep

Percent Moisture	Method:								
Percent Moisture	14.6	%			1.0 08/15/02	JLC1			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	130000	ug/kg	5400		109 08/16/02 11:08		71-43-2		
Ethylbenzene	ND	ug/kg	5400		109 08/16/02 11:08		100-41-4		
Toluene	760000	ug/kg	5400		109 08/16/02 11:08		108-88-3		
Xylene (Total)	1400000	ug/kg	14000		109 08/16/02 11:08		1330-20-7		
a,a,a-Trifluorotoluene (S)	80	%			1.0 08/16/02 11:08		98-08-8	8	

Comments : Elevated quantitation limits resulting from a dilution.

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