

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: CANYON #017 API #: 30-045-21508 U/L or Qtr/Qtr A SEC 25 T 25N R 11W
County: SAN JUAN Latitude _____ Longitude _____ 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 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):

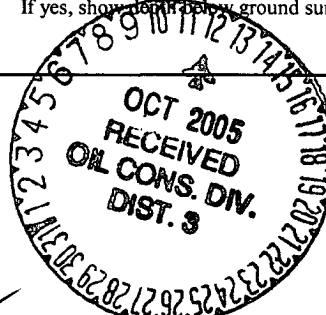
0

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 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:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature Denny Ruff

OCT 12 2005
Date:

ADDENDUM TO OCD FORM C-144

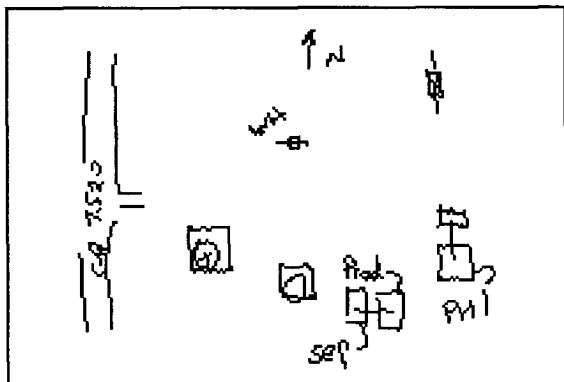
Operator: XTO ENERGY, INC.

API 30-045-21508

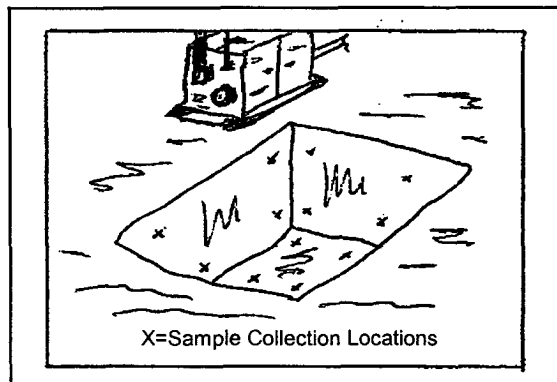
Well Name: CANYON #017

Meter: 33141

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36 22 38.1 N

Longitude 107 56 56.9 W

(NAD 1927)

Pit ID

331411

Pit Type

Glycol Dehydrator

Date Closure Started: 12/15/04

Date Closure Completed: 12/15/04

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	
084515DEC04	12/15/04	276	275.7	8.7	4500	ASSESS	Flr	3.5	
100515DEC04	12/15/04	7	0.19	0	870	EX Confirm	Walls	10	
101015DEC04	12/15/04	278	325	0	3400	EX Confirm	Flr	12	See Risk Analysis

Lab Project Number: 6090504
Client Project ID: N. Mex. Pits Program

Lab Sample No: 607796455 Project Sample Number: 6090504-016 Date Collected: 12/15/04 10:10
Client Sample ID: 101015DEC04 Matrix: Soil Date Received: 01/04/05 08:50

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	01/06/05 23:04	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	01/06/05 23:04	RMN1			
Kerosene	ND	mg/kg	11.	1.1	01/06/05 23:04	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	01/06/05 23:04	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	01/06/05 23:04	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	01/06/05 23:04	RMN1			
Total Petroleum Hydrocarbons	3400	mg/kg	11.	1.1	01/06/05 23:04	RMN1		8	
n-Tetracosane (S)	282	%		1.0	01/06/05 23:04	RMN1	646-31-1	9	
p-Terphenyl (S)	100	%		1.0	01/06/05 23:04	RMN1	92-94-4		
Date Extracted	01/05/05				01/05/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.9	%		1.0	01/05/05	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	5700	114	01/07/05 14:36	SHF	71-43-2		
Ethylbenzene	19000	ug/kg	5700	114	01/07/05 14:36	SHF	100-41-4		
Toluene	96000	ug/kg	5700	114	01/07/05 14:36	SHF	108-88-3		
Xylene (Total)	210000	ug/kg	15000	114	01/07/05 14:36	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	100	%		1.0	01/07/05 14:36	SHF	98-08-8	2.7	

Date: 01/12/05

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REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6090504
Client Project ID: N. Mex. Pits Program

Lab Sample No: 607796448 Project Sample Number: 6090504-015 Date Collected: 12/15/04 10:05
Client Sample ID: 100515DEC04 Matrix: Soil Date Received: 01/04/05 08:50

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	01/06/05 22:46	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	01/06/05 22:46	RMN1			
Kerosene	ND	mg/kg	11.	1.1	01/06/05 22:46	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	01/06/05 22:46	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	01/06/05 22:46	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	01/06/05 22:46	RMN1			
Total Petroleum Hydrocarbons	870	mg/kg	11.	1.1	01/06/05 22:46	RMN1		5	
n-Tetracosane (S)	142	%		1.0	01/06/05 22:46	RMN1	646-31-1		
p-Terphenyl (S)	96	%		1.0	01/06/05 22:46	RMN1	92-94-4		
Date Extracted	01/05/05				01/05/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.2	%		1.0	01/05/05	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	55.	1.1	01/07/05 14:08	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	55.	1.1	01/07/05 14:08	SHF	100-41-4		
Toluene	ND	ug/kg	55.	1.1	01/07/05 14:08	SHF	108-88-3		
Xylene (Total)	190	ug/kg	140	1.1	01/07/05 14:08	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	105	%		1.0	01/07/05 14:08	SHF	98-08-8	2	

Date: 01/12/05

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Lab Project Number: 6090504
Client Project ID: N. Mex. Pits Program

Lab Sample No: 607796463 Project Sample Number: 6090504-017 Date Collected: 12/15/04 08:45
Client Sample ID: 084515DEC04 Matrix: Soil Date Received: 01/04/05 08:50

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	12.	1.2	01/06/05 23:21	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	01/06/05 23:21	RMN1			
Kerosene	ND	mg/kg	12.	1.2	01/06/05 23:21	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	01/06/05 23:21	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	01/06/05 23:21	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	01/06/05 23:21	RMN1			
Total Petroleum Hydrocarbons	4500	mg/kg	12.	1.2	01/06/05 23:21	RMN1		10	
n-Tetracosane (S)	324	%		1.0	01/06/05 23:21	RMN1	646-31-1	9	
p-Terphenyl (S)	103	%		1.0	01/06/05 23:21	RMN1	92-94-4		
Date Extracted	01/05/05				01/05/05				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 15.1 % 1.0 01/05/05 ALJ1

GC Volatiles

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

Benzene	8700	ug/kg	5300	106	01/06/05 20:43	SHF	71-43-2		
Ethylbenzene	17000	ug/kg	5300	106	01/06/05 20:43	SHF	100-41-4		
Toluene	90000	ug/kg	5300	106	01/06/05 20:43	SHF	108-88-3		
Xylene (Total)	160000	ug/kg	14000	106	01/06/05 20:43	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	100	%		1.0	01/06/05 20:43	SHF	98-08-8	2	

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