

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 #003 API #: 30-045-21314 U/L or Qtr/Qtr G SEC 5 T 25N R 11W
County: SAN JUAN Latitude 36.43217 Longitude -108.02417 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

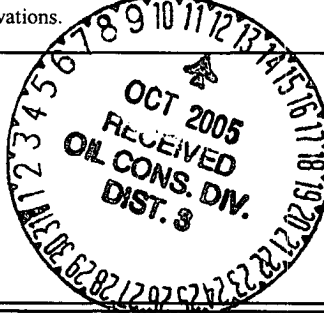
Ranking Score (TOTAL POINTS):

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:

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: 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. 3

Signature

Wendy Zent

OCT 12 2005

Date:

ADDENDUM TO OCD FORM C-144

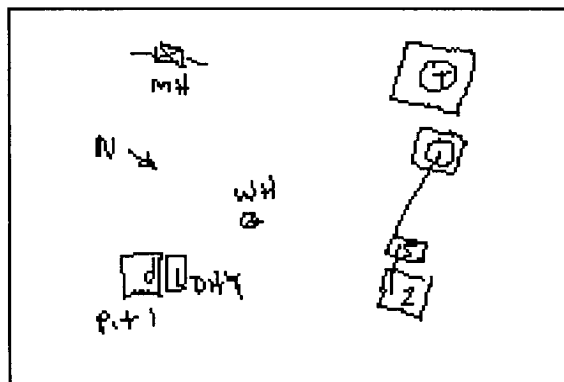
Operator: XTO ENERGY, INC.

API 30-045-21314

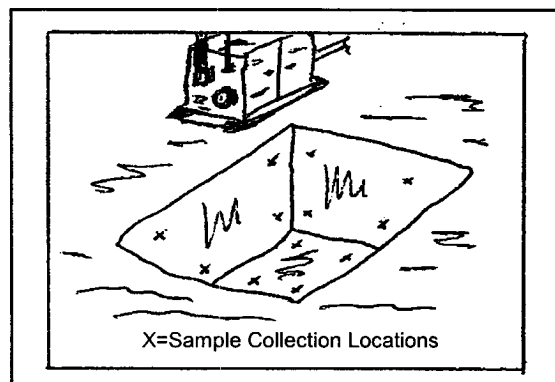
Well Name: CANYON #003

Meter: 33133

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36.43198

Longitude -107.02247

(NAD 1927)

Pit ID

331331

Pit Type

Glycol Dehydrator

Date Closure Started: 12/8/04

Date Closure Completed: 12/8/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 42

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	
131408DEC04	12/8/04	199	14.16	0.53	1600	EX Confirm	Walls	5	See Risk Analysis
132008DEC04	12/8/04	122	500	33	760	EX Confirm	Flr	5	See Risk Analysis
143617JUN04	6/17/04		783	92	1900	ASSESS	Flr	2.5	

Lab Project Number: 6083735
Client Project ID: NM PITS

Lab Sample No: 607217973
Client Sample ID: 143617JUN04

Project Sample Number: 6083735-017
Matrix: Soil

Date Collected: 06/17/04 14:36
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	14.	1.4	06/30/04 06:42	DCKI			
Jet Fuel	ND	mg/kg	14.	1.4	06/30/04 06:42	DCKI			
Kerosene	ND	mg/kg	14.	1.4	06/30/04 06:42	DCKI			
Diesel Fuel	ND	mg/kg	14.	1.4	06/30/04 06:42	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	14.	1.4	06/30/04 06:42	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	14.	1.4	06/30/04 06:42	DCKI			
Total Petroleum Hydrocarbons	1900	mg/kg	14.	1.4	06/30/04 06:42	DCKI		5	
n-Tetracosane (S)	303	%		1.0	06/30/04 06:42	DCKI	646-31-1	6	
p-Terphenyl (S)	98	%		1.0	06/30/04 06:42	DCKI	92-94-4		
Date Extracted	06/22/04				06/22/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	29.2	%		1.0	06/22/04	DPB			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	92000	ug/kg	1400	27.6	06/24/04 12:19	ARF	71-43-2		
Ethylbenzene	21000	ug/kg	1400	27.6	06/24/04 12:19	ARF	100-41-4		
Toluene	420000	ug/kg	3400	68.9	06/24/04 14:37	ARF	108-88-3		
Xylene (Total)	250000	ug/kg	3500	27.6	06/24/04 12:19	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	183	%		1.0	06/24/04 12:19	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: 607745486
Client Sample ID: 132008DEC04

Project Sample Number: 6089937-005
Matrix: Soil

Date Collected: 12/08/04 13:20
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	12.	1.2	12/16/04 17:36	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	12/16/04 17:36	RMN1			
Kerosene	ND	mg/kg	12.	1.2	12/16/04 17:36	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	12/16/04 17:36	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	12/16/04 17:36	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	12/16/04 17:36	RMN1			
Total Petroleum Hydrocarbons	760	mg/kg	12.	1.2	12/16/04 17:36	RMN1		1	
n-Tetracosane (S)	120	%		1.0	12/16/04 17:36	RMN1	646-31-1		
p-Terphenyl (S)	96	%		1.0	12/16/04 17:36	RMN1	92-94-4		
Date Extracted	12/16/04				12/16/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 17.8 % 1.0 12/16/04 ALJ1

GC Volatiles

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

Benzene	33000	ug/kg	3000	60.8	12/21/04 09:29		71-43-2		
Ethylbenzene	17000	ug/kg	3000	60.8	12/21/04 09:29		100-41-4		
Toluene	230000	ug/kg	3000	60.8	12/21/04 09:29		108-88-3		
Xylene (Total)	220000	ug/kg	7900	60.8	12/21/04 09:29		1330-20-7		
a,a,a-Trifluorotoluene (S)	128	%		1.0	12/21/04 09:29		98-08-8	2	

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6089937
Client Project ID: NM Pits

Lab Sample No: 607745494 Project Sample Number: 6089937-006 Date Collected: 12/08/04 13:14
Client Sample ID: 131408DEC04 Matrix: Soil 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 17:53	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	12/16/04 17:53	RMN1			
Kerosene	ND	mg/kg	11.	1.1	12/16/04 17:53	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	12/16/04 17:53	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	12/16/04 17:53	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	12/16/04 17:53	RMN1			
Total Petroleum Hydrocarbons	1600	mg/kg	11.	1.1	12/16/04 17:53	RMN1		1	
n-Tetracosane (S)	203	%		1.0	12/16/04 17:53	RMN1	646-31-1	6	
p-Terphenyl (S)	102	%		1.0	12/16/04 17:53	RMN1	92-94-4		
Date Extracted	12/16/04				12/16/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 10.3 % 1.0 12/16/04 ALJ1

GC Volatiles

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

Benzene	530	ug/kg	450	8.9	12/21/04 09:58		71-43-2		
Ethylbenzene	630	ug/kg	450	8.9	12/21/04 09:58		100-41-4		
Toluene	4700	ug/kg	450	8.9	12/21/04 09:58		108-88-3		
Xylene (Total)	8300	ug/kg	1200	8.9	12/21/04 09:58		1330-20-7		
a,a,a-Trifluorotoluene (S)	91	%		1.0	12/21/04 09:58		98-08-8		

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