

District I
1625 N. Finck 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: R P HARGRAVE L #001E

API #: 30-045-24877

U/L or Qtr/Qtr D SEC 4 T 27N R 10W

County: SAN JUAN

Latitude 36.60857

Longitude -107.90606

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 103 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

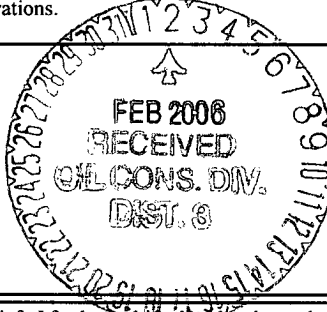
Ranking Score (TOTAL POINTS):

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:

Meter: 39277



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 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. 8

Printed Name/Title

Signature Denny Facy

Date: FEB 02 2006

ADDENDUM TO OCD FORM C-144

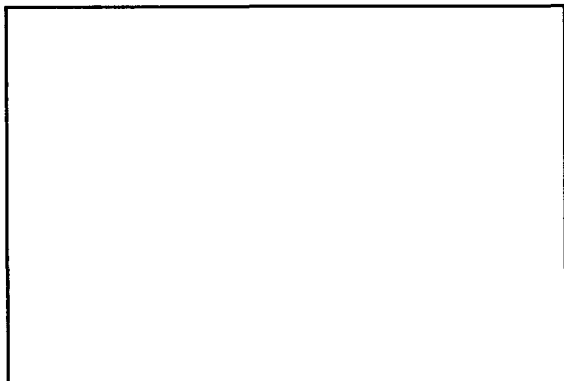
Operator: XTO ENERGY, INC.

API 30-045-24877

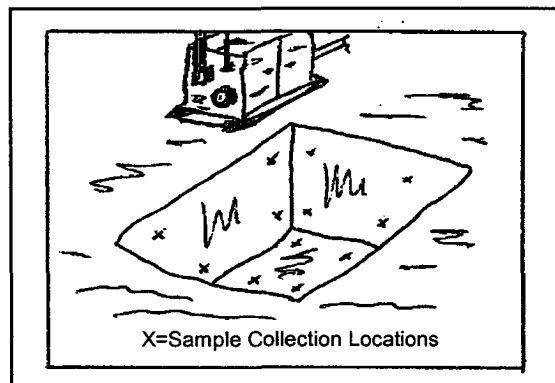
Well Name: R P HARGRAVE L #001E

Meter: 39277

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.

Width 12 Ft.

Depth 4 Ft.

Location of Pit Center

Latitude 36.60841

Longitude -107.90582

(NAD 1927)

Pit ID

392771

Pit Type

Other

Date Closure Started: 9/6/05

Date Closure Completed: 9/6/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☐

Cubic Yards Excavated: 87

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
132306SEP05	9/6/05	0			0	EX Confirm	Walls	10
133606SEP05	9/6/05		15.0	0	480	EX Confirm	Flr	12
141505FEB04	2/5/04		683	28	1500	ASSESS	Flr	3

See Risk Analysis

Lab Project Number: 60100001
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608561676 Project Sample Number: 60100001-014 Date Collected: 09/06/05 13:23
Client Sample ID: 132306SEP05 Matrix: Soil Date Received: 09/16/05 09:00

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	10.	1.0	09/22/05 19:01	CPR			
Jet Fuel	ND	mg/kg	10.	1.0	09/22/05 19:01	CPR	94114-58-6		
Kerosene	ND	mg/kg	10.	1.0	09/22/05 19:01	CPR			
Diesel Fuel	ND	mg/kg	10.	1.0	09/22/05 19:01	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	10.	1.0	09/22/05 19:01	CPR	68553-00-4		
Motor Oil	ND	mg/kg	10.	1.0	09/22/05 19:01	CPR			
n-Tetracosane (S)	92	%		1.0	09/22/05 19:01	CPR	646-31-1		
p-Terphenyl (S)	83	%		1.0	09/22/05 19:01	CPR	92-94-4		
Date Extracted	09/20/05				09/20/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	5.2	%		1.0	09/19/05	BAG1			

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 60100001
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608561684 Project Sample Number: 60100001-015 Date Collected: 09/06/05 13:36
Client Sample ID: 133606SEP05 Matrix: Soil Date Received: 09/16/05 09:00

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	11.	1.1	09/22/05 20:06	CPR			
Jet Fuel	ND	mg/kg	11.	1.1	09/22/05 20:06	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.	1.1	09/22/05 20:06	CPR			
Diesel Fuel	ND	mg/kg	11.	1.1	09/22/05 20:06	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	11.	1.1	09/22/05 20:06	CPR	68553-00-4		
Motor Oil	ND	mg/kg	11.	1.1	09/22/05 20:06	CPR			
Total Petroleum Hydrocarbons	480	mg/kg	11.	1.1	09/22/05 20:06	CPR		1	
n-Tetracosane (S)	126	%		1.0	09/22/05 20:06	CPR	646-31-1		
p-Terphenyl (S)	91	%		1.0	09/22/05 20:06	CPR	92-94-4		
Date Extracted	09/20/05				09/20/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.4	%			1.0	09/19/05	BAG1		

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	120	ug/kg	110	2.2	09/19/05 14:13	SHF	71-43-2		
Ethylbenzene	1200	ug/kg	110	2.2	09/19/05 14:13	SHF	100-41-4		
Toluene	2700	ug/kg	110	2.2	09/19/05 14:13	SHF	108-88-3		
Xylene (Total)	11000	ug/kg	290	2.2	09/19/05 14:13	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	94	%		1.0	09/19/05 14:13	SHF	98-08-8		

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Lab Project Number: 6079093
Client Project ID: NM Pit Program

Lab Sample No: 606815058 Project Sample Number: 6079093-014 Date Collected: 02/05/04 14:15
Client Sample ID: 141505FEB04 Matrix: Soil Date Received: 02/10/04 09:30

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	12.	1.2	02/12/04 23:42	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	02/12/04 23:42	RMN1			
Kerosene	ND	mg/kg	12.	1.2	02/12/04 23:42	RMN1			
Diesel Fuel	1500	mg/kg	12.	1.2	02/12/04 23:42	RMN1	68334-30-5	5	
Fuel Oil	ND	mg/kg	12.	1.2	02/12/04 23:42	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	02/12/04 23:42	RMN1			
n-Tetracosane (S)	143	%		1.0	02/12/04 23:42	RMN1	646-31-1		
p-Terphenyl (S)	214	%		1.0	02/12/04 23:42	RMN1	92-94-4	2	
Date Extracted	02/12/04				02/12/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.3	%		1.0	02/12/04	DPB			

GC Volatiles

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

Benzene	28000	ug/kg	2100	41.3	02/16/04 20:22	DCKI	71-43-2		
Ethylbenzene	35000	ug/kg	2100	41.3	02/16/04 20:22	DCKI	100-41-4		
Toluene	260000	ug/kg	2100	41.3	02/16/04 20:22	DCKI	108-88-3		
Xylene (Total)	360000	ug/kg	5200	41.3	02/16/04 20:22	DCKI	1330-20-7		
a,a,a-Trifluorotoluene (S)	224	%		1.0	02/16/04 20:22	DCKI	98-08-8	3	

Date: 02/17/04

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