

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: <u>BURLINGTON RESOURCES OIL & GAS CO</u> Telephone: _____ e-mail address: _____	
Address: <u>801 CHERRY ST FORT WORTH, TX 76102</u>	
Facility or well name: <u>PATTERSON B COM #001</u>	API #: <u>30-045-11069</u> U/L or Qtr/Qtr <u>E</u> SEC <u>2</u> T <u>31N</u> R <u>12W</u>
County: <u>SAN JUAN</u>	Latitude <u>36.93031</u> Longitude <u>-108.07022</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
Pit 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>115</u> bbl	Below-grade tank 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 (20 points) 50 feet or more, but less than 100 feet (10 points) <u>0</u> 100 feet or more (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 (20 points) No (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 (20 points) 200 feet to 1,000 feet (10 points) <u>0</u> Greater than 1,000 feet (0 points)
Ranking Score (TOTAL POINTS): <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:



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 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. 3 Signature Denny Feroz Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

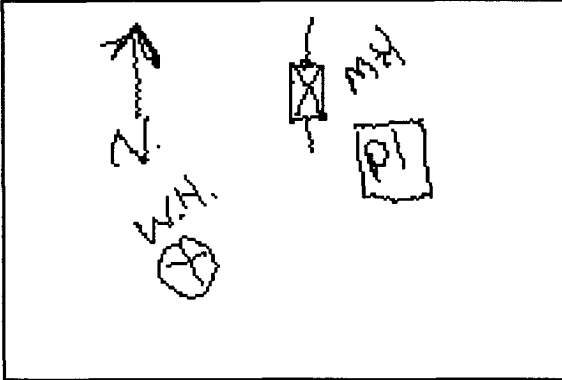
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API: 30-045-11069

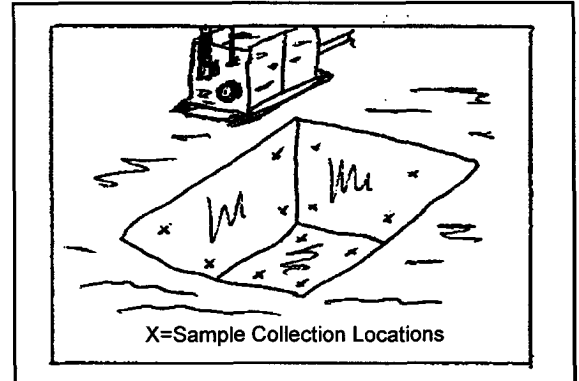
Well Name: PATTERSON B COM #001

Meter: 34548

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 18 Ft.

Width 18 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36.93061

Longitude -108.06972

(NAD 1927)

Pit ID

345481

Pit Type

Glycol Dehydrator

Date Closure Started: 4/1/03

Date Closure Completed: 4/1/03

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 85

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.

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
113201APR03	4/1/03		0.926	0	160	EX Confirm	Fir	12
114001APR03	4/1/03		5.574	0	41	EX Confirm	Walls	12
135313MAY02	5/13/02		208.2	5.6	4800	ASSESS		4

Lab Project Number: 6058969

Client Project ID: N.M. PIT ASSESSMENTS 2002

Lab Sample No: 605138130
Client Sample ID: 135313502

Project Sample Number: 6058969-005
Matrix: Soil

Date Collected: 05/13/02 13:53
Date Received: 05/17/02 09:30

Parameters	Results	Units	Report Limit	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.	05/21/02 09:25	WAW			
Jet Fuel	ND	mg/kg	12.	05/21/02 09:25	WAW			
Kerosene	ND	mg/kg	12.	05/21/02 09:25	WAW			
Diesel Fuel	4800	mg/kg	12.	05/21/02 09:25	WAW	68334-30-5	2	
Fuel Oil	ND	mg/kg	12.	05/21/02 09:25	WAW	68334-30-5		
Motor Oil	ND	mg/kg	12.	05/21/02 09:25	WAW			
n-Tetracosane (S)	167	%		05/21/02 09:25	WAW	646-31-1	6	
p-Terphenyl (S)	118	%		05/21/02 09:25	WAW	92-94-4		
Date Extracted				05/20/02				

Organics Prep

Percent Moisture	Method:				
Percent Moisture	17.2	%		05/21/02	MIM

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	5600	ug/kg	1200	05/23/02 12:27		71-43-2		
Ethylbenzene	7600	ug/kg	1200	05/23/02 12:27		100-41-4		
Toluene	25000	ug/kg	1200	05/23/02 12:27		108-88-3		
Xylene (Total)	170000	ug/kg	3000	05/23/02 12:27		1330-20-7		
a,a,a-Trifluorotoluene (S)	95	%		05/23/02 12:27		98-08-8	5	

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6069637
Client Project ID: NM Pits

Lab Sample No: 606002202 Project Sample Number: 6069637-002 Date Collected: 04/01/03 11:40
Client Sample ID: 114001APR03 Matrix: Soil Date Received: 04/18/03 11:07

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 04/23/03 14:01	MIM			
Jet Fuel	ND	mg/kg	11.		1.1 04/23/03 14:01	MIM			
Kerosene	ND	mg/kg	11.		1.1 04/23/03 14:01	MIM			
Diesel Fuel	41.	mg/kg	11.		1.1 04/23/03 14:01	MIM	68334-30-5	1	
Fuel Oil	ND	mg/kg	11.		1.1 04/23/03 14:01	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 04/23/03 14:01	MIM			
n-Tetracosane (S)	86	%			1.0 04/23/03 14:01	MIM	646-31-1		
p-Terphenyl (S)	80	%			1.0 04/23/03 14:01	MIM	92-94-4		
Date Extracted	04/21/03				04/21/03				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	7.9	%			1.0 04/22/03	MAM			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	54.		1.1 04/21/03 18:14	SHF	71-43-2		
Ethylbenzene	110	ug/kg	54.		1.1 04/21/03 18:14	SHF	100-41-4		
Toluene	64.	ug/kg	54.		1.1 04/21/03 18:14	SHF	108-88-3		
Xylene (Total)	5400	ug/kg	140		1.1 04/21/03 18:14	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	73	%			1.0 04/21/03 18:14	SHF	98-08-8		

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Lab Project Number: 6069637
Client Project ID: NM Pits

Solid results are reported on a dry weight basis

Lab Sample No: 606002194 Project Sample Number: 6069637-001 Date Collected: 04/01/03 11:32
Client Sample ID: 113201APR03 Matrix: Soil Date Received: 04/18/03 11:07

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 04/23/03 12:37	MIM			
Jet Fuel	ND	mg/kg	11.		1.1 04/23/03 12:37	MIM			
Kerosene	ND	mg/kg	11.		1.1 04/23/03 12:37	MIM			
Diesel Fuel	160	mg/kg	11.		1.1 04/23/03 12:37	MIM	68334-30-5	1	
Fuel Oil	ND	mg/kg	11.		1.1 04/23/03 12:37	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 04/23/03 12:37	MIM			
n-Tetracosane (S)	92	%			1.0 04/23/03 12:37	MIM	646-31-1		
p-Terphenyl (S)	86	%			1.0 04/23/03 12:37	MIM	92-94-4		
Date Extracted	04/21/03				04/21/03				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	6.1	%			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 04/21/03 13:44	SHF	71-43-2		
Ethylbenzene	89.	ug/kg	53.		1.1 04/21/03 13:44	SHF	100-41-4		
Toluene	77.	ug/kg	53.		1.1 04/21/03 13:44	SHF	108-88-3		
Xylene (Total)	760	ug/kg	130		1.1 04/21/03 13:44	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	95	%			1.0 04/21/03 13:44	SHF	98-08-8		

REPORT OF LABORATORY ANALYSIS

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