

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 ☐

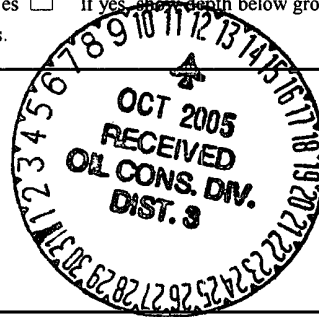
(WFS Closure)

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

Operator: <u>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>CAIN #015</u>	API #: <u>30-045-07632</u> U/L or Qtr/Qtr <u>N</u> SEC <u>31</u> T <u>29N</u> R <u>9W</u>
County: <u>SAN JUAN</u>	Latitude <u>36.67825</u> Longitude <u>-107.82495</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"/>	
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>77</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) 100 feet or more (0 points) <u>0</u>
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) Greater than 1,000 feet (0 points) <u>0</u>
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: 9/18/05

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 Jenny Z...

Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

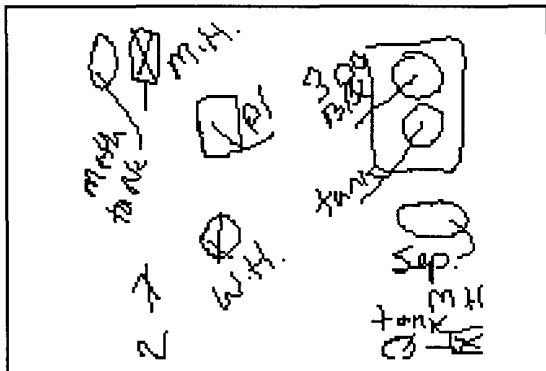
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-045-07632

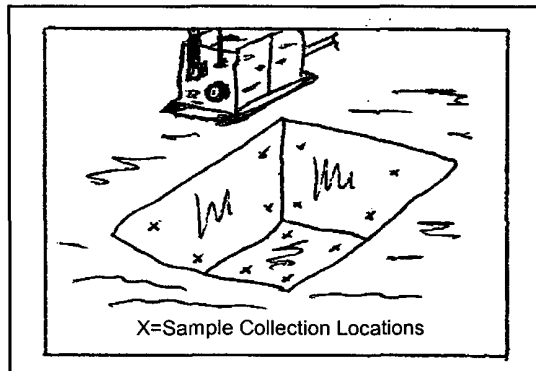
Well Name: CAIN #015

Meter: 32652

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.
Width 12 Ft.
Depth 3 Ft.

Location of Pit Center

Latitude 36.67849
Longitude -107.82513
(NAD 1927)

Pit ID

326521

Pit Type

Unknown

Date Closure Started: 10/18/04

Date Closure Completed: 10/18/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 43

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	
110918OCT04	10/18/04	59	1.724	0	100	EX Confirm	Walls	7	
111518OCT04	10/18/04	505	105.8	0	820	EX Confirm	Flr	8	See Risk Analysis
112610FEB04	2/10/04		258.8	0	2400	ASSESS	Flr	3	

Lab Project Number: 6088151
Client Project ID: NM PITS

Lab Sample No: 607601143 Project Sample Number: 6088151-012 Date Collected: 10/18/04 11:09
Client Sample ID: 1109180CT04 Matrix: Soil Date Received: 10/22/04 09:15

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 10/26/04 06:45	RMN1			
Jet Fuel	ND	mg/kg	11.		1.1 10/26/04 06:45	RMN1			
Kerosene	ND	mg/kg	11.		1.1 10/26/04 06:45	RMN1			
Diesel Fuel	ND	mg/kg	11.		1.1 10/26/04 06:45	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 10/26/04 06:45	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 10/26/04 06:45	RMN1			
Total Petroleum Hydrocarbons	100	mg/kg	11.		1.1 10/26/04 06:45	RMN1		10	
n-Tetracosane (S)	114	%			1.0 10/26/04 06:45	RMN1	646-31-1		
p-Terphenyl (S)	136	%			1.0 10/26/04 06:45	RMN1	92-94-4		
Date Extracted	10/23/04				10/23/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	11.8	%			1.0 10/25/04	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	57.		1.1 10/26/04 00:08		71-43-2		
Ethylbenzene	74.	ug/kg	57.		1.1 10/26/04 00:08		100-41-4		
Toluene	350	ug/kg	57.		1.1 10/26/04 00:08		108-88-3		
Xylene (Total)	1300	ug/kg	150		1.1 10/26/04 00:08		1330-20-7		
a,a,a-Trifluorotoluene (S)	99	%			1.0 10/26/04 00:08		98-08-8		

Date: 10/28/04

Page: 11 of 22

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.



Lab Project Number: 6088151
Client Project ID: NM PITS

Lab Sample No: 607601135 Project Sample Number: 6088151-011 Date Collected: 10/18/04 11:15
Client Sample ID: 1115180CT04 Matrix: Soil Date Received: 10/22/04 09:15

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	10/26/04 06:27	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	10/26/04 06:27	RMN1			
Kerosene	ND	mg/kg	11.	1.1	10/26/04 06:27	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	10/26/04 06:27	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	10/26/04 06:27	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	10/26/04 06:27	RMN1			
Total Petroleum Hydrocarbons	820	mg/kg	11.	1.1	10/26/04 06:27	RMN1		5	
n-Tetracosane (S)	112	%		1.0	10/26/04 06:27	RMN1	646-31-1		
p-Terphenyl (S)	100	%		1.0	10/26/04 06:27	RMN1	92-94-4		
Date Extracted	10/23/04				10/23/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 12.8 % 1.0 10/25/04 ALJ1

GC Volatiles

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

Benzene	ND	ug/kg	470	9.5	10/25/04 23:41	71-43-2	
Ethylbenzene	3800	ug/kg	470	9.5	10/25/04 23:41	100-41-4	
Toluene	13000	ug/kg	470	9.5	10/25/04 23:41	108-88-3	
Xylene (Total)	89000	ug/kg	1200	9.5	10/25/04 23:41	1330-20-7	
a,a,a-Trifluorotoluene (S)	72	%		1.0	10/25/04 23:41	98-08-8	9

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Lab Project Number: 6079348
Client Project ID: N.M. Pit Program

Lab Sample No: 606833622 Project Sample Number: 6079348-002 Date Collected: 02/10/04 11:26
Client Sample ID: 112610FEB04 Matrix: Soil Date Received: 02/18/04 09:05

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	13.		1.3 02/21/04 05:26 RMN1				
Jet Fuel	ND	mg/kg	13.		1.3 02/21/04 05:26 RMN1				
Kerosene	ND	mg/kg	13.		1.3 02/21/04 05:26 RMN1				
Diesel Fuel	ND	mg/kg	13.		1.3 02/21/04 05:26 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	13.		1.3 02/21/04 05:26 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	13.		1.3 02/21/04 05:26 RMN1				
Total Petroleum Hydrocarbons	2400	mg/kg	13.		1.3 02/21/04 05:26 RMN1			1	
n-Tetracosane (S)	96	%			1.0 02/21/04 05:26 RMN1		646-31-1		
p-Terphenyl (S)	115	%			1.0 02/21/04 05:26 RMN1		92-94-4		
Date Extracted	02/20/04				02/20/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 21.5 % 1.0 02/19/04 JLC1

GC Volatiles

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

Benzene	ND	ug/kg	1300	25.3 02/19/04 20:12	71-43-2	
Ethylbenzene	5800	ug/kg	1300	25.3 02/19/04 20:12	100-41-4	
Toluene	23000	ug/kg	1300	25.3 02/19/04 20:12	108-88-3	
Xylene (Total)	230000	ug/kg	3200	25.3 02/19/04 20:12	1330-20-7	
a,a,a-Trifluorotoluene (S)	0	%		1.0 02/19/04 20:12	98-08-8	2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.