

District I
1625 N. Freach 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

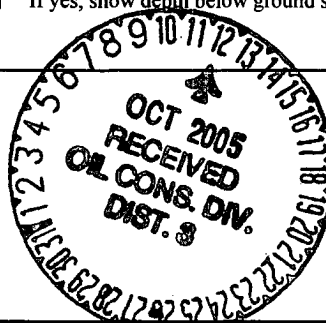
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

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 #010</u>	API #: <u>30-045-07428</u> U/L or Qtr/Qtr <u>M</u> SEC <u>15</u> T <u>28N</u> R <u>10W</u>
County: <u>SAN JUAN</u>	Latitude <u>36.65764</u> Longitude <u>-107.88836</u> 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 <u>77</u> 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 (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:

RISK



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 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 Zee

OCT 12 2005
Date: _____

ADDENDUM TO OCD FORM C-144

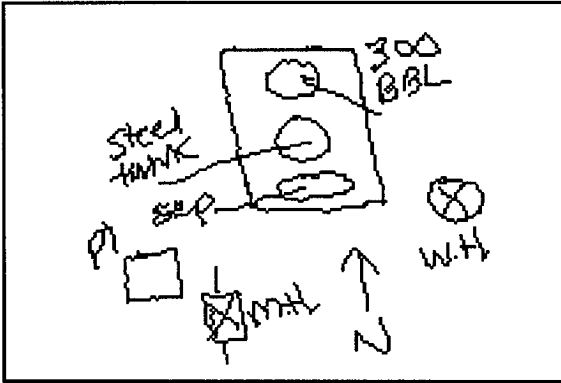
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API: 30-045-07428

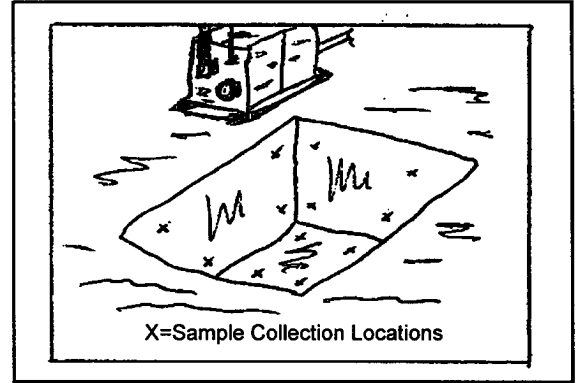
Well Name: CAIN #010

Meter: 32093

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.

Width 12 Ft.

Depth 3 Ft.

Location of Pit Center

Latitude 36.65778

Longitude -107.88871

(NAD 1927)

Pit ID

320931

Pit Type

Glycol Dehydrator

Date Closure Started: 4/10/03

Date Closure Completed: 4/10/03

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☐

Cubic Yards Excavated: 112

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
132406AUG02	8/6/02		1271	51	4700	ASSESS		3
144210APR03	4/10/03	1461	642.8	2.8	660	EX Confirm	Flr	12
144510APR03	4/10/03	83.9	3.01	0	220	EX Confirm	Walls	12

See Risk Analysis

Lab Project Number: 6061563

Client Project ID: NM PIT ASSESSMENTS

Lab Sample No: 605337500
Client Sample ID: 132406AUG02

Project Sample Number: 6061563-003
Matrix: Soil

Date Collected: 08/06/02 13:24
Date Received: 08/09/02 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	12.	1.2	08/17/02 05:05	MIM			
Jet Fuel	ND	mg/kg	12.	1.2	08/17/02 05:05	MIM			
Kerosene	ND	mg/kg	12.	1.2	08/17/02 05:05	MIM			
Diesel Fuel	4700	mg/kg	12.	1.2	08/17/02 05:05	MIM	68334-30-5	3	
Fuel Oil	ND	mg/kg	12.	1.2	08/17/02 05:05	MIM	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	08/17/02 05:05	MIM			
n-Tetracosane (S)	388	%		1.0	08/17/02 05:05	MIM	646-31-1	4	
p-Terphenyl (S)	185	%		1.0	08/17/02 05:05	MIM	92-94-4		
Date Extracted					08/14/02				

Organics Prep

Percent Moisture	Method:								
Percent Moisture	19.9	%		1.0	08/15/02	JLC1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	51000	ug/kg	2600	51.8	08/15/02 18:06		71-43-2		
Ethylbenzene	ND	ug/kg	2600	51.8	08/15/02 18:06		100-41-4		
Toluene	400000	ug/kg	2600	51.8	08/15/02 18:06		108-88-3		
Xylene (Total)	820000	ug/kg	6500	51.8	08/15/02 18:06		1330-20-7		
a,a,a-Trifluorotoluene (S)	80	%		1.0	08/15/02 18:06		98-08-8		

Comments : Elevated quantitation limits resulting from a dilution.

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6069637
Client Project ID: NM Pits

Lab Sample No: 606002350 Project Sample Number: 6069637-017 Date Collected: 04/10/03 14:42
Client Sample ID: 144210APR03 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	12.	1.2	04/23/03 19:11	MIM			
Jet Fuel	ND	mg/kg	12.	1.2	04/23/03 19:11	MIM			
Kerosene	ND	mg/kg	12.	1.2	04/23/03 19:11	MIM			
Diesel Fuel	660	mg/kg	12.	1.2	04/23/03 19:11	MIM	68334-30-5	2	
Fuel Oil	ND	mg/kg	12.	1.2	04/23/03 19:11	MIM	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	04/23/03 19:11	MIM			
n-Tetracosane (S)	85	%		1.0	04/23/03 19:11	MIM	646-31-1		
p-Terphenyl (S)	82	%		1.0	04/23/03 19:11	MIM	92-94-4		
Date Extracted	04/21/03				04/21/03				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	13.8	%		1.0	04/22/03	MAM			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	2800	ug/kg	2300	46.4	04/25/03 11:46		71-43-2		
Ethylbenzene	40000	ug/kg	2300	46.4	04/25/03 11:46		100-41-4		
Toluene	160000	ug/kg	2300	46.4	04/25/03 11:46		108-88-3		
Xylene (Total)	440000	ug/kg	5800	46.4	04/25/03 11:46		1330-20-7		
a,a,a-Trifluorotoluene (S)	96	%		1.0	04/25/03 11:46		98-08-8		

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Lab Project Number: 6069637
Client Project ID: NM Pits

Lab Sample No: 606002368 Project Sample Number: 6069637-018 Date Collected: 04/10/03 14:45
Client Sample ID: 144510APR03 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 19:39	MIM			
Jet Fuel	ND	mg/kg	11.		1.1 04/23/03 19:39	MIM			
Kerosene	ND	mg/kg	11.		1.1 04/23/03 19:39	MIM			
Diesel Fuel	220	mg/kg	11.		1.1 04/23/03 19:39	MIM	68334-30-5	2	
Fuel Oil	ND	mg/kg	11.		1.1 04/23/03 19:39	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 04/23/03 19:39	MIM			
n-Tetracosane (S)	87	%			1.0 04/23/03 19:39	MIM	646-31-1		
p-Terphenyl (S)	87	%			1.0 04/23/03 19:39	MIM	92-94-4		
Date Extracted	04/21/03				04/21/03				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	8.9	%			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 04/24/03 20:57		71-43-2		
Ethylbenzene	640	ug/kg	54.		1.1 04/24/03 20:57		100-41-4		
Toluene	270	ug/kg	54.		1.1 04/24/03 20:57		108-88-3		
Xylene (Total)	2100	ug/kg	140		1.1 04/24/03 20:57		1330-20-7		
a,a,a-Trifluorotoluene (S)	75	%			1.0 04/24/03 20:57		98-08-8		

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