

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: BURLINGTON RESOURCES OIL & GAS CO Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: 801 CHERRY ST FORT WORTH, TX 76102  
Facility or well name: QUINN #004A API #: 30-045-24347 U/L or Qtr/Qtr I SEC 19 T 31N R 8W  
County: SAN JUAN Latitude 36.88065 Longitude -107.71069 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 38 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):**

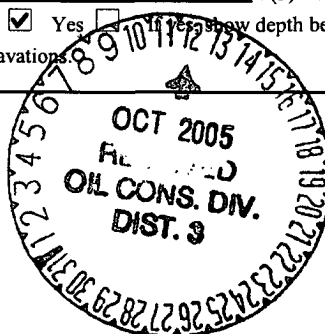
0

**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 \_\_\_\_\_. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

*Bedrock*

Meter: 34861



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: DEPUTY OIL & GAS INSPECTOR, DIST. 9

Printed Name/Title \_\_\_\_\_ Signature Deputy

Date: OCT 12 2005

### ADDENDUM TO OCD FORM C-144

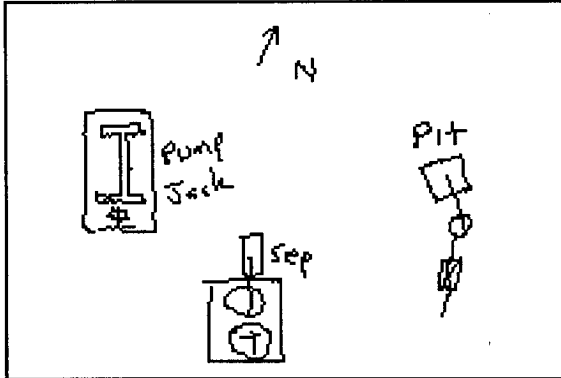
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-045-24347

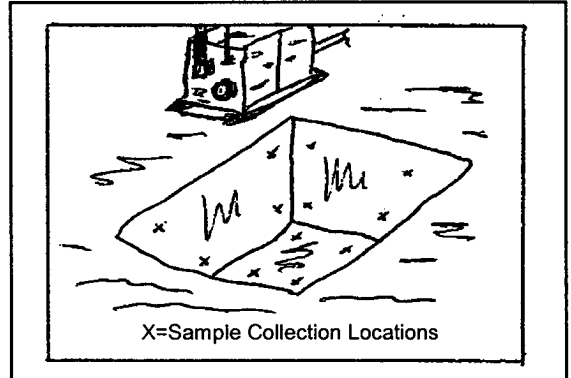
Well Name: QUINN #004A

Meter: 34861

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.

Width 12 Ft.

Depth 1.5 Ft.

**Location of Pit Center**

Latitude 36.88085

Longitude -107.71035

(NAD 1927)

**Pit ID**

348611

**Pit Type**

Calcium Salt Tower

**Date Closure Started:** 10/6/04

**Date Closure Completed:** 10/6/04

**Closure Method:** Excavated, Blended, Treated Soil Returned

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 51

**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	
105306OCT04	10/6/04	172	1.41	0	5700	EX Confirm	Walls	6	See Risk Analysis
105806OCT04	10/6/04	439	65.4	0	5100	EX Confirm	Flr	7	See Risk Analysis
153410JUL04	7/10/04		6120	190	11000	ASSESS	Flr	3.5	

Lab Project Number: 6084738  
Client Project ID: NM PITS

Lab Sample No: 607299427  
Client Sample ID: 153410JUL04

Project Sample Number: 6084738-020  
Matrix: Soil

Date Collected: 07/10/04 03:34  
Date Received: 07/16/04 12:10

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	71.	7.1	07/22/04 17:59	RMN1			
Jet Fuel	ND	mg/kg	71.	7.1	07/22/04 17:59	RMN1			
Kerosene	ND	mg/kg	71.	7.1	07/22/04 17:59	RMN1			
Diesel Fuel	ND	mg/kg	71.	7.1	07/22/04 17:59	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	71.	7.1	07/22/04 17:59	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	71.	7.1	07/22/04 17:59	RMN1			
Total Petroleum Hydrocarbons	11000	mg/kg	71.	7.1	07/22/04 17:59	RMN1		5	
n-Tetracosane (S)	527	%		1.0	07/22/04 17:59	RMN1	646-31-1	6	
p-Terphenyl (S)	105	%		1.0	07/22/04 17:59	RMN1	92-94-4		
Date Extracted	07/20/04				07/20/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	30.4	%		1.0	07/20/04	DPB			

### GC Volatiles

TPH Gas/BTEX Prep/Method: TPH GRO/BTEX / EPA 8021/OA1

Benzene	190000	ug/kg	36000	711	07/22/04 10:04		71-43-2		
Toluene	910000	ug/kg	36000	711	07/22/04 10:04		108-88-3		
Ethylbenzene	320000	ug/kg	36000	711	07/22/04 10:04		100-41-4		
Xylene (Total)	4700000	ug/kg	92000	711	07/22/04 10:04		1330-20-7		
a,a,a-Trifluorotoluene (S)	85	%		1.0	07/22/04 10:04		98-08-8		
4-Bromofluorobenzene (S)	99	%		1.0	07/22/04 10:04		460-00-4		

Date: 07/30/04

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## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6088151  
Client Project ID: NM PITS

Solid results are reported on a dry weight basis

Lab Sample No: 607601044 Project Sample Number: 6088151-002 Date Collected: 10/06/04 10:58  
Client Sample ID: 1058060CT04 Matrix: Soil Date Received: 10/22/04 09:15

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.		1.1 10/26/04 02:23	RMN1			
Jet Fuel	ND	mg/kg	11.		1.1 10/26/04 02:23	RMN1			
Kerosene	ND	mg/kg	11.		1.1 10/26/04 02:23	RMN1			
Diesel Fuel	ND	mg/kg	11.		1.1 10/26/04 02:23	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 10/26/04 02:23	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 10/26/04 02:23	RMN1			
Total Petroleum Hydrocarbons	5100	mg/kg	11.		1.1 10/26/04 02:23	RMN1		1	
n-Tetracosane (S)	79	%			1.0 10/26/04 02:23	RMN1	646-31-1		
p-Terphenyl (S)	102	%			1.0 10/26/04 02:23	RMN1	92-94-4		
Date Extracted	10/23/04				10/23/04				

#### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 8.0 % 1.0 10/25/04 ALJ1

#### GC Volatiles

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

Benzene	ND	ug/kg	490	9.8 10/25/04 15:14	71-43-2
Ethylbenzene	3900	ug/kg	490	9.8 10/25/04 15:14	100-41-4
Toluene	1500	ug/kg	490	9.8 10/25/04 15:14	108-88-3
Xylene (Total)	60000	ug/kg	1300	9.8 10/25/04 15:14	1330-20-7
a,a,a-Trifluorotoluene (S)	82	%		1.0 10/25/04 15:14	98-08-8

Comments : Samples received outside of EPA recommended holding time. Analyze per clients request.

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Lab Project Number: 6088151  
Client Project ID: NM PITS

Lab Sample No: 607601051      Project Sample Number: 6088151-003      Date Collected: 10/06/04 10:53  
Client Sample ID: 1053060CT04      Matrix: Soil      Date Received: 10/22/04 09:15

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	23.	2.3	10/26/04 12:50	RMN1			
Jet Fuel	ND	mg/kg	23.	2.3	10/26/04 12:50	RMN1			
Kerosene	ND	mg/kg	23.	2.3	10/26/04 12:50	RMN1			
Diesel Fuel	ND	mg/kg	23.	2.3	10/26/04 12:50	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	23.	2.3	10/26/04 12:50	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	23.	2.3	10/26/04 12:50	RMN1			
Total Petroleum Hydrocarbons	5700	mg/kg	23.	2.3	10/26/04 12:50	RMN1		1	
n-Tetracosane (S)	281	%		1.0	10/26/04 12:50	RMN1	646-31-1	2	
p-Terphenyl (S)	87	%		1.0	10/26/04 12:50	RMN1	92-94-4		
Date Extracted	10/23/04				10/23/04				

### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 12.1 % 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	10/25/04 15:41		71-43-2		
Ethylbenzene	ND	ug/kg	57.	1.1	10/25/04 15:41		100-41-4		
Toluene	210	ug/kg	57.	1.1	10/25/04 15:41		108-88-3		
Xylene (Total)	1200	ug/kg	150	1.1	10/25/04 15:41		1330-20-7		
a,a,a-Trifluorotoluene (S)	85	%		1.0	10/25/04 15:41		98-08-8		

Comments : Samples received outside of EPA recommended holding time. Analyze per clients request.

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