

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: BURLINGTON RESOURCES OIL & GAS CO Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: 801 CHERRY ST FORT WORTH, TX 76102  
Facility or well name: SAN JUAN 27 5 UNIT #021A API #: 30-039-21882 U/L or Qtr/Qtr I SEC 3 T 27N R 5W  
County: RIO ARriba Latitude 36.60035 Longitude -107.33864 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

<u>Pit</u>	<u>Below-grade tank</u>
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 _____ 120 bbl	Volume: _____ bbl Type of fluid: _____ Construction Material: _____ Double-walled, with leak detection? Yes <input checked="" 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>	

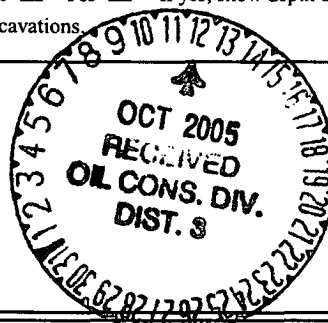
**If this is a pit closure:** (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general description 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:

Vertical extent?

Outside

Meter: 85285



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 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  
Printed Name/Title \_\_\_\_\_

Signature Denny Ford

Date: OCT 12 2005

## ADDENDUM TO OCD FORM C-144

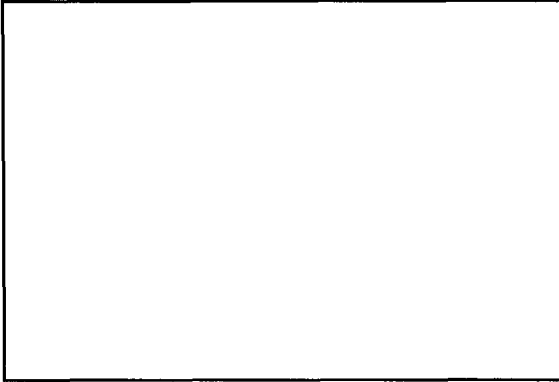
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-039-21882

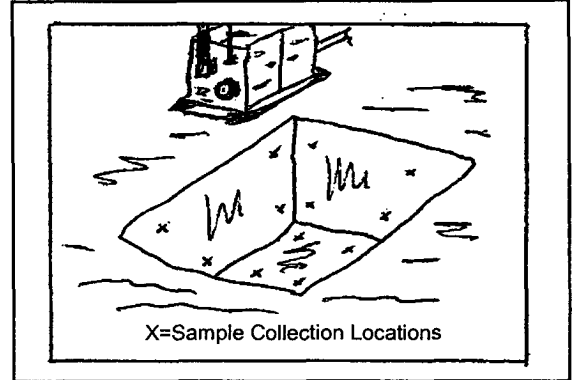
**Well Name:** SAN JUAN 27 5 UNIT #021A

**Meter:** 85285

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.

Width 15 Ft.

Depth 3 Ft.

**Location of Pit Center**

Latitude 36.60026

Longitude -107.33844

(NAD 1927)

**Pit ID**

852851

**Pit Type**

Unknown

**Date Closure Started:** 8/4/04

**Date Closure Completed:** 8/4/04

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

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:** 114

**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	
123408JUL03	7/8/03		0.17	0	100000	ASSESS	Flr	3	
151004AUG04	8/4/04		0.36	0	61	EX Confirm	Walls	8	
151304AUG04	8/4/04		32.4	0	5200	EX Confirm	Flr	12	See Risk Analysis

Lab Project Number: 6072457  
Client Project ID: NEW MEXICO PIT PROGRAM

Lab Sample No: 606233799      Project Sample Number: 6072457-002      Date Collected: 07/08/03 12:34  
Client Sample ID: 123408JUL03      Matrix: Soil      Date Received: 07/11/03 10:00

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	570		57.0	07/16/03 11:43	RMN1		
Jet Fuel	ND	mg/kg	570		57.0	07/16/03 11:43	RMN1		
Kerosene	ND	mg/kg	570		57.0	07/16/03 11:43	RMN1		
Diesel Fuel	ND	mg/kg	570		57.0	07/16/03 11:43	RMN1	68334-30-5	
Fuel Oil	ND	mg/kg	570		57.0	07/16/03 11:43	RMN1	68334-30-5	
Motor Oil	ND	mg/kg	570		57.0	07/16/03 11:43	RMN1		
Total Petroleum Hydrocarbons	100000	mg/kg	570		57.0	07/16/03 11:43	RMN1		3
n-Tetracosane (S)	0	%			1.0	07/16/03 11:43	RMN1	646-31-1	4
p-Terphenyl (S)	0	%			1.0	07/16/03 11:43	RMN1	92-94-4	
Date Extracted	07/14/03				07/14/03				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.8	%			1.0	07/12/03	PLH		

### GC Volatiles

Aromatic Volatile Organics      Prep/Method: EPA 5030 Medium Soil / EPA 8021									
Benzene	ND	ug/kg	57.		1.1	07/14/03 14:58		71-43-2	
Ethylbenzene	ND	ug/kg	57.		1.1	07/14/03 14:58		100-41-4	
Toluene	ND	ug/kg	57.		1.1	07/14/03 14:58		108-88-3	
Xylene (Total)	170	ug/kg	140		1.1	07/14/03 14:58		1330-20-7	
a,a,a-Trifluorotoluene (S)	89	%			1.0	07/14/03 14:58		98-08-8	

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6085700  
Client Project ID: N.M. Pits

Lab Sample No: 607379492      Project Sample Number: 6085700-004      Date Collected: 08/04/04 15:13  
Client Sample ID: 151304AUG04      Matrix: Soil      Date Received: 08/12/04 08:50

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	12.	1.2	08/13/04 20:21	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	08/13/04 20:21	RMN1			
Kerosene	ND	mg/kg	12.	1.2	08/13/04 20:21	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	08/13/04 20:21	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	08/13/04 20:21	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	08/13/04 20:21	RMN1			
Total Petroleum Hydrocarbons	5200	mg/kg	12.	1.2	08/13/04 20:21	RMN1		1	
n-Tetracosane (S)	1340	%		1.0	08/13/04 20:21	RMN1	646-31-1	2	
p-Terphenyl (S)	90	%		1.0	08/13/04 20:21	RMN1	92-94-4		
Date Extracted	08/13/04				08/13/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	14.1	%		1.0	08/13/04	DPB			

#### GC Volatiles

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

Benzene	ND	ug/kg	120	2.3	08/13/04 20:45	ARF	71-43-2		
Toluene	6300	ug/kg	120	2.3	08/13/04 20:45	ARF	108-88-3		
Ethylbenzene	2100	ug/kg	120	2.3	08/13/04 20:45	ARF	100-41-4		
Xylene (Total)	24000	ug/kg	300	2.3	08/13/04 20:45	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	109	%		1.0	08/13/04 20:45	ARF	98-08-8		

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Lab Project Number: 6085700

Client Project ID: N.M. Pits

Lab Sample No: 607379484

Project Sample Number: 6085700-003

Date Collected: 08/04/04 15:10

Client Sample ID: 151004AUG05

Matrix: Soil

Date Received: 08/12/04 08:50

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	11.		1.1 08/13/04 20:04 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 08/13/04 20:04 RMN1				
Kerosene	ND	mg/kg	11.		1.1 08/13/04 20:04 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 08/13/04 20:04 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 08/13/04 20:04 RMN1		68334-30-5		
Motor Oil	61.	mg/kg	11.		1.1 08/13/04 20:04 RMN1				
n-Tetracosane (S)	120	%			1.0 08/13/04 20:04 RMN1		646-31-1		
p-Terphenyl (S)	113	%			1.0 08/13/04 20:04 RMN1		92-94-4		
Date Extracted	08/13/04				08/13/04				

**Organics Prep**

Percent Moisture

Method: SM 2540G

Percent Moisture

13.4 %

1.0 08/13/04

DPB

**GC Volatiles**

TPH Gas/BTEX

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

Benzene	ND	ug/kg	57.		1.1 08/13/04 13:48 ARF		71-43-2		
Toluene	110	ug/kg	57.		1.1 08/13/04 13:48 ARF		108-88-3		
Ethylbenzene	ND	ug/kg	57.		1.1 08/13/04 13:48 ARF		100-41-4		
Xylene (Total)	250	ug/kg	150		1.1 08/13/04 13:48 ARF		1330-20-7		
a,a,a-Trifluorotoluene (S)	102	%			1.0 08/13/04 13:48 ARF		98-08-8		

**REPORT OF LABORATORY ANALYSIS**

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