

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)

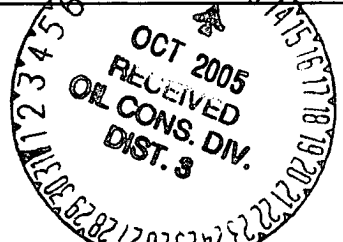
Type of action: Registration of a pit or below-grade tank  Closure of a pit or below-grade tank

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 4 UNIT #048 API #: 30-039-20147 U/L or Qtr/Qtr L SEC 20 T 27N R 4W  
 County: RIO ARRIBA Latitude 36.55627 Longitude -107.2797 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 checked="" 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 No	(20 points) (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 200 feet to 1,000 feet Greater than 1,000 feet	(20 points) (10 points) (0 points) <u>0</u>
<b>Ranking Score (TOTAL POINTS):</b>		<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: \_\_\_\_\_ Meter: 75914



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 Farris **OCT 12 2005**

**ADDENDUM TO OCD FORM C-144**

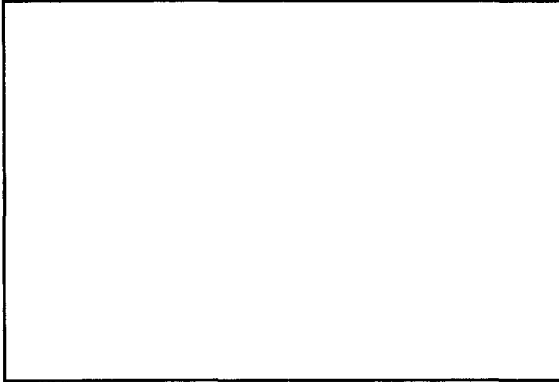
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-039-20147

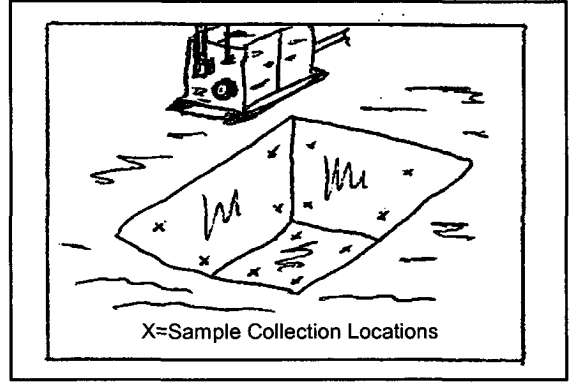
**Well Name:** SAN JUAN 27 4 UNIT #048

**Meter:** 75914

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.  
 Width 15 Ft.  
 Depth 3 Ft.

**Location of Pit Center**

Latitude 36.55614  
 Longitude -107.27992  
 (NAD 1927)

**Pit ID**

759141

**Pit Type**

Unknown

**Date Closure Started:** 8/2/04

**Date Closure Completed:** 8/2/04

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

**Bedrock Encountered ?**

**Cubic Yards Excavated:** 42

**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
125114AUG03	8/14/03		1079	45	5600	ASSESS	Flr	4
130302AUG04	8/2/04		8.47	0	700	EX Confirm	Walls	5
130602AUG04	8/2/04		4.24	0	160	EX Confirm	Flr	5

Lab Project Number: 6073744  
Client Project ID: NEW MEXICO PIT PROGRAM

Lab Sample No: 606344182      Project Sample Number: 6073744-002      Date Collected: 08/14/03 12:51  
Client Sample ID: 125114AUG03      Matrix: Soil      Date Received: 08/19/03 09:20

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	08/22/03 16:52	RMN1		
Jet Fuel	ND	mg/kg	12.		1.2	08/22/03 16:52	RMN1		
Kerosene	ND	mg/kg	12.		1.2	08/22/03 16:52	RMN1		
Diesel Fuel	ND	mg/kg	12.		1.2	08/22/03 16:52	RMN1	68334-30-5	
Fuel Oil	ND	mg/kg	12.		1.2	08/22/03 16:52	RMN1	68334-30-5	
Motor Oil	ND	mg/kg	12.		1.2	08/22/03 16:52	RMN1		
Total Petroleum Hydrocarbons	5600	mg/kg	12.		1.2	08/22/03 16:52	RMN1		1
n-Tetracosane (S)	326	%			1.0	08/22/03 16:52	RMN1	646-31-1	3
p-Terphenyl (S)	105	%			1.0	08/22/03 16:52	RMN1	92-94-4	
Date Extracted	08/21/03					08/21/03			

**Organics Prep**

Percent Moisture		Method: SM 2540G							
Percent Moisture	18.2	%			1.0	08/21/03		PLH	

**GC Volatiles**

Aromatic Volatile Organics		Prep/Method: EPA 5030 Medium Soil / EPA 8021							
Benzene	45000	ug/kg	3000		60.8	08/21/03 10:35	SHF	71-43-2	
Ethylbenzene	34000	ug/kg	3000		60.8	08/21/03 10:35	SHF	100-41-4	
Toluene	430000	ug/kg	3000		60.8	08/21/03 10:35	SHF	108-88-3	
Xylene (Total)	570000	ug/kg	7700		60.8	08/21/03 10:35	SHF	1330-20-7	
a,a,a-Trifluorotoluene (S)	0	%			1.0	08/21/03 10:35	SHF	98-08-8	2

**REPORT OF LABORATORY ANALYSIS**

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Lab Project Number: 6085394  
Client Project ID: NM PITS 8/4

Lab Sample No: 607357035      Project Sample Number: 6085394-024      Date Collected: 08/02/04 13:03  
Client Sample ID: 130302AUG04      Matrix: Soil      Date Received: 08/04/04 09:00

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	12.		1.2 08/10/04 15:25	RMN1			
Jet Fuel	ND	mg/kg	12.		1.2 08/10/04 15:25	RMN1			
Kerosene	ND	mg/kg	12.		1.2 08/10/04 15:25	RMN1			
Diesel Fuel	ND	mg/kg	12.		1.2 08/10/04 15:25	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.		1.2 08/10/04 15:25	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.		1.2 08/10/04 15:25	RMN1			
Total Petroleum Hydrocarbons	700	mg/kg	12.		1.2 08/10/04 15:25	RMN1		8	
n-Tetracosane (S)	135	%			1.0 08/10/04 15:25	RMN1	646-31-1		
p-Terphenyl (S)	101	%			1.0 08/10/04 15:25	RMN1	92-94-4		
Date Extracted	08/09/04				08/09/04				

**Organics Prep**

Percent Moisture	Method: SM 2540G								
Percent Moisture	15.5	%			1.0 08/09/04			DPB	

**GC Volatiles**

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	120		2.4 08/09/04 18:41	ARF	71-43-2		
Ethylbenzene	470	ug/kg	120		2.4 08/09/04 18:41	ARF	100-41-4		
Toluene	1400	ug/kg	120		2.4 08/09/04 18:41	ARF	108-88-3		
Xylene (Total)	6600	ug/kg	310		2.4 08/09/04 18:41	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	82	%			1.0 08/09/04 18:41	ARF	98-08-8		

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Lab Project Number: 6085394  
Client Project ID: NM PITS 8/4

Lab Sample No: 607357027      Project Sample Number: 6085394-023      Date Collected: 08/02/04 13:06  
Client Sample ID: 130602AUG04      Matrix: Soil      Date Received: 08/04/04 09:00

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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**GC Semivolatiles**

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: OA2 / OA2									
Total Extractable Hydrocarbons	ND	mg/kg	11.		1.1 08/10/04 18:02	RMN1			
Mineral Spirits	ND	mg/kg	11.		1.1 08/10/04 18:02	RMN1			
Jet Fuel	ND	mg/kg	11.		1.1 08/10/04 18:02	RMN1			
Kerosene	ND	mg/kg	11.		1.1 08/10/04 18:02	RMN1			
Diesel Fuel	ND	mg/kg	11.		1.1 08/10/04 18:02	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 08/10/04 18:02	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 08/10/04 18:02	RMN1			
Total Petroleum Hydrocarbons	160	mg/kg	11.		1.1 08/10/04 18:02	RMN1			12
n-Tetracosane (S)	121	%			1.0 08/10/04 18:02	RMN1	646-31-1		
p-Terphenyl (S)	133	%			1.0 08/10/04 18:02	RMN1	92-94-4		
Date Extracted	08/09/04				08/09/04				

**Organics Prep**

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Method: SM 2540G									
Percent Moisture	14.0	%			1.0 08/09/04	DPB			

**GC Volatiles**

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Prep/Method: EPA 5030 Medium Soil / EPA 8021									
Aromatic Volatile Organics	ND	ug/kg	58.		1.2 08/09/04 18:13	ARF	71-43-2		
Benzene	180	ug/kg	58.		1.2 08/09/04 18:13	ARF	100-41-4		
Ethylbenzene	760	ug/kg	58.		1.2 08/09/04 18:13	ARF	108-88-3		
Toluene	3300	ug/kg	150		1.2 08/09/04 18:13	ARF	1330-20-7		
Xylene (Total)	87	%			1.0 08/09/04 18:13	ARF	98-08-8		
a,a,a-Trifluorotoluene (S)									

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