

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: SAN JUAN 27.5 UNIT #165M API #: 30-039-23903 U/L or Qtr/Qtr C SEC 29 T 27N R 5W  
County: RIO ARRIBA Latitude 36 33.000 N Longitude 107 23.159 W 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 52 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):**

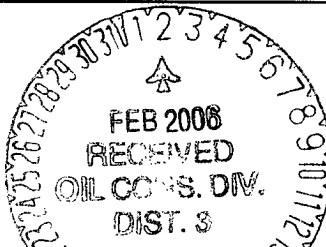
0

**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 your 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:

Meter: 85915

*Bedrock*



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: 10/3/05

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:

Printed Name/Title

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature

*Wendy*

**FEB 02 2006**

Date:

# **ADDENDUM TO OCD FORM C-144**

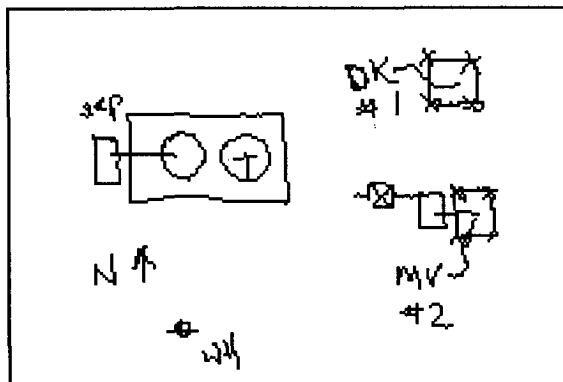
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-039-23903

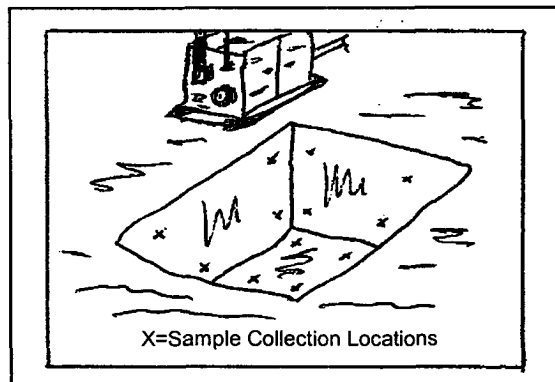
**Well Name:** SAN JUAN 27 5 UNIT #165M

**Meter:** 85915

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 14 Ft.  
Width 14 Ft.  
Depth 1.5 Ft.

**Location of Pit Center**

Latitude 36 33.014 N  
Longitude 07 23.137 W  
(NAD 1927)

**Pit ID**

859151

**Pit Type**

Unknown

**Date Closure Started:** 4/8/05

**Date Closure Completed:** 4/8/05

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 58

**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	
102408APR05	4/8/05	172	30.7	0	1100	EX Confirm	Walls	6	<del>See Risk Analysis</del>
103308APR05	4/8/05	132	48.4	0	30	EX Confirm	Flr	8	<del>See Risk Analysis</del>
150001APR05	4/1/05		780	20	1600	ASSESS	Flr	3	

Lab Project Number: 6093805

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608058681  
Client Sample ID: 150001APR05

Project Sample Number: 6093805-008

Matrix: Soil

Date Collected: 04/01/05 15:00

Date Received: 04/12/05 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	11.	1.1	04/15/05 14:58	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	04/15/05 14:58	RMN1			
Kerosene	ND	mg/kg	11.	1.1	04/15/05 14:58	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	04/15/05 14:58	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	04/15/05 14:58	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	04/15/05 14:58	RMN1			
Total Petroleum Hydrocarbons	1600	mg/kg	11.	1.1	04/15/05 14:58	RMN1		1	
n-Tetracosane (S)	110	%		1.0	04/15/05 14:58	RMN1	646-31-1		
p-Terphenyl (S)	102	%		1.0	04/15/05 14:58	RMN1	92-94-4		
Date Extracted	04/14/05				04/14/05				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.4	%		1.0	04/13/05	ALJ1			

### GC Volatiles

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

Benzene	20000	ug/kg	5400	108	04/14/05 10:21	SHF	71-43-2		
Ethylbenzene	30000	ug/kg	5400	108	04/14/05 10:21	SHF	100-41-4		
Toluene	340000	ug/kg	5400	108	04/14/05 10:21	SHF	108-88-3		
Xylene (Total)	390000	ug/kg	14000	108	04/14/05 10:21	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	97	%		1.0	04/14/05 10:21	SHF	98-08-8		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6093805

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608058764  
Client Sample ID: 102408APR05

Project Sample Number: 6093805-016  
Matrix: Soil

Date Collected: 04/08/05 10:24  
Date Received: 04/12/05 09:20

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 04/15/05 18:57 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 04/15/05 18:57 RMN1				
Kerosene	ND	mg/kg	11.		1.1 04/15/05 18:57 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 04/15/05 18:57 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 04/15/05 18:57 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 04/15/05 18:57 RMN1				
Total Petroleum Hydrocarbons	1100	mg/kg	11.		1.1 04/15/05 18:57 RMN1			1	
n-Tetracosane (S)	99	%			1.0 04/15/05 18:57 RMN1		646-31-1		
p-Terphenyl (S)	95	%			1.0 04/15/05 18:57 RMN1		92-94-4		
Date Extracted	04/14/05				04/14/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.6	%			1.0 04/14/05		CPR		

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	520		10.5 04/14/05 19:58 SHF		71-43-2		
Ethylbenzene	1500	ug/kg	520		10.5 04/14/05 19:58 SHF		100-41-4		
Toluene	5200	ug/kg	520		10.5 04/14/05 19:58 SHF		108-88-3		
Xylene (Total)	24000	ug/kg	1400		10.5 04/14/05 19:58 SHF		1330-20-7		
a,a,a-Trifluorotoluene (S)	84	%			1.0 04/14/05 19:58 SHF		98-08-8		

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Lab Project Number: 6093805

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608058772  
Client Sample ID: 103308APR05

Project Sample Number: 6093805-017  
Matrix: Soil

Date Collected: 04/08/05 10:33  
Date Received: 04/12/05 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	04/15/05 19:17	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	04/15/05 19:17	RMN1			
Kerosene	ND	mg/kg	12.	1.2	04/15/05 19:17	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	04/15/05 19:17	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	04/15/05 19:17	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	04/15/05 19:17	RMN1			
Total Petroleum Hydrocarbons	30.	mg/kg	12.	1.2	04/15/05 19:17	RMN1		1	
n-Tetracosane (S)	94	%		1.0	04/15/05 19:17	RMN1	646-31-1		
p-Terphenyl (S)	94	%		1.0	04/15/05 19:17	RMN1	92-94-4		
Date Extracted	04/14/05				04/14/05				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	16.2	%		1.0	04/14/05	CPR			

### GC Volatiles

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

Benzene	ND	ug/kg	530	10.7	04/14/05 20:25	SHF	71-43-2		
Ethylbenzene	1400	ug/kg	530	10.7	04/14/05 20:25	SHF	100-41-4		
Toluene	15000	ug/kg	530	10.7	04/14/05 20:25	SHF	108-88-3		
Xylene (Total)	32000	ug/kg	1400	10.7	04/14/05 20:25	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	93	%		1.0	04/14/05 20:25	SHF	98-08-8		

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