

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 28 5 UNIT #015A

API #: 30-039-22188

U/L or Qtr/Qtr O SEC 34 T 28N R 5W

County: RIO ARRIBA

Latitude 36.61291

Longitude -107.34312

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 115 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)

10

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

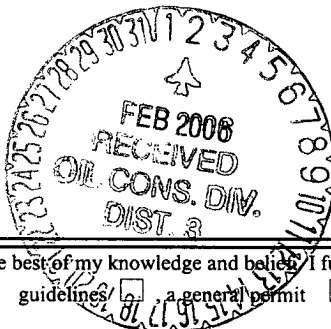
**Ranking Score (TOTAL POINTS):**

10

**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: 85552



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 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 Wendy Keefe

Date: FEB 02 2006

## ADDENDUM TO OCD FORM C-144

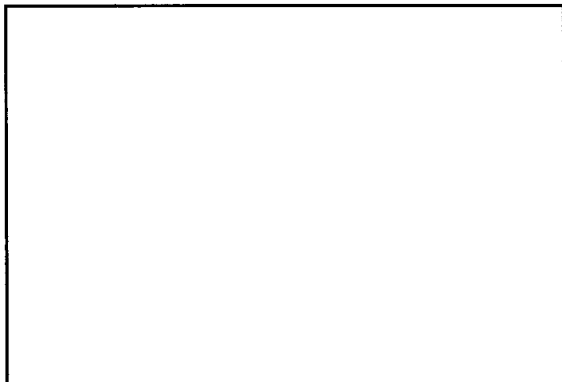
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-039-22188

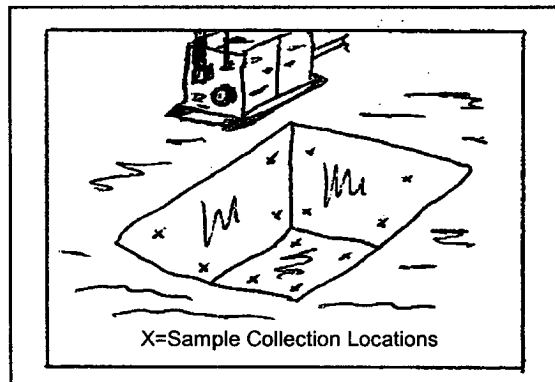
**Well Name:** SAN JUAN 28 5 UNIT #015A

**Meter:** 85552

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 18 Ft.

Width 18 Ft.

Depth 2 Ft.

**Location of Pit Center**

Latitude 36.61322

Longitude -107.34332

(NAD 1927)

**Pit ID**

855521

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 8/30/05

**Date Closure Completed:** 8/30/05

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 96

**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
131430AUG05	8/30/05	49			120	EX Confirm	Walls	8
132430AUG05	8/30/05	194	1.54	0	180	EX Confirm	Flr	8
151516JUN04	6/16/04		1058	73	890	ASSESS	Flr	3.5

~~See Risk Analysis~~

Lab Project Number: 60100001  
Client Project ID: N MEX PIT PROGRAM

Solid results are reported on a dry weight basis

Lab Sample No: 608561528 Project Sample Number: 60100001-002 Date Collected: 08/30/05 13:14  
Client Sample ID: 131430AUG05 Matrix: Soil Date Received: 09/16/05 09:00

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	12.	1.2	09/22/05 12:53 CPR				
Jet Fuel	ND	mg/kg	12.	1.2	09/22/05 12:53 CPR		94114-58-6		
Kerosene	ND	mg/kg	12.	1.2	09/22/05 12:53 CPR				
Diesel Fuel	ND	mg/kg	12.	1.2	09/22/05 12:53 CPR		68553-00-4		
Fuel Oil	ND	mg/kg	12.	1.2	09/22/05 12:53 CPR		68553-00-4		
Motor Oil	ND	mg/kg	12.	1.2	09/22/05 12:53 CPR				
Total Petroleum Hydrocarbons	120	mg/kg	12.	1.2	09/22/05 12:53 CPR			1	
n-Tetracosane (S)	98	%		1.0	09/22/05 12:53 CPR		646-31-1		
p-Terphenyl (S)	85	%		1.0	09/22/05 12:53 CPR		92-94-4		
Date Extracted	09/19/05				09/19/05				

#### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 19.4 % 1.0 09/19/05 BAG1

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.

Lab Project Number: 60100001  
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608561536 Project Sample Number: 60100001-003 Date Collected: 08/30/05 13:24  
Client Sample ID: 132430AUG05 Matrix: Soil Date Received: 09/16/05 09:00

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	09/22/05 13:38	CPR			
Jet Fuel	ND	mg/kg	11.	1.1	09/22/05 13:38	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.	1.1	09/22/05 13:38	CPR			
Diesel Fuel	ND	mg/kg	11.	1.1	09/22/05 13:38	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	11.	1.1	09/22/05 13:38	CPR	68553-00-4		
Motor Oil	ND	mg/kg	11.	1.1	09/22/05 13:38	CPR			
Total Petroleum Hydrocarbons	180	mg/kg	11.	1.1	09/22/05 13:38	CPR		1	
n-Tetracosane (S)	104	%		1.0	09/22/05 13:38	CPR	646-31-1		
p-Terphenyl (S)	90	%		1.0	09/22/05 13:38	CPR	92-94-4		
Date Extracted	09/19/05				09/19/05				

#### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 9.4 % 1.0 09/19/05 BAG1

#### GC Volatiles

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

Benzene	ND	ug/kg	55.	1.1	09/20/05 21:34	SHF	71-43-2
Ethylbenzene	100	ug/kg	55.	1.1	09/20/05 21:34	SHF	100-41-4
Toluene	140	ug/kg	55.	1.1	09/20/05 21:34	SHF	108-88-3
Xylene (Total)	1300	ug/kg	140	1.1	09/20/05 21:34	SHF	1330-20-7
a,a,a-Trifluorotoluene (S)	84	%		1.0	09/20/05 21:34	SHF	98-08-8

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.

Lab Project Number: 6083735

Client Project ID: NM PITS

Lab Sample No: 607218054

Project Sample Number: 6083735-025

Date Collected: 06/16/04 15:15

Client Sample ID: 151516JUN04

Matrix: Soil

Date Received: 06/18/04 10:25

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	13.	1.3	06/30/04 04:05	DCKI			
Jet Fuel	ND	mg/kg	13.	1.3	06/30/04 04:05	DCKI			
Kerosene	ND	mg/kg	13.	1.3	06/30/04 04:05	DCKI			
Diesel Fuel	ND	mg/kg	13.	1.3	06/30/04 04:05	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	13.	1.3	06/30/04 04:05	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	13.	1.3	06/30/04 04:05	DCKI			
Total Petroleum Hydrocarbons	890	mg/kg	13.	1.3	06/30/04 04:05	DCKI		5	
n-Tetracosane (S)	137	%		1.0	06/30/04 04:05	DCKI	646-31-1		
p-Terphenyl (S)	105	%		1.0	06/30/04 04:05	DCKI	92-94-4		
Date Extracted	06/22/04				06/22/04				

**Organics Prep**

Percent Moisture	Method: SM 2540G								
Percent Moisture	22.7	%		1.0	06/21/04	DPB			

**GC Volatiles**

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	73000	ug/kg	1300	25.2	06/22/04 16:35	ARF	71-43-2		
Ethylbenzene	25000	ug/kg	1300	25.2	06/22/04 16:35	ARF	100-41-4		
Toluene	650000	ug/kg	6300	126	06/24/04 09:04	ARF	108-88-3		
Xylene (Total)	310000	ug/kg	3200	25.2	06/22/04 16:35	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	175	%		1.0	06/22/04 16:35	ARF	98-08-8	7	

**REPORT OF LABORATORY ANALYSIS**

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.