

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 28 6 UNIT #080

API #: 30-039-07130

U/L or Qtr/Qtr G SEC 12 T 27N R 6W

County: RIO ARRIBA

Latitude 36.59149

Longitude -107.41551

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 80 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):**

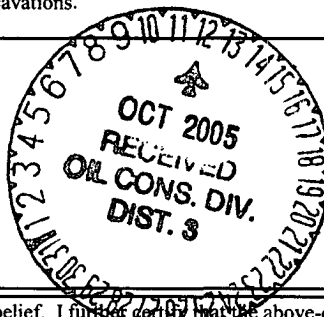
0

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

Additional Comments:

*Bedrock*

Meter: 72215



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:

Printed Name/Title

**DEPUTY OIL & GAS INSPECTOR, DIST. 3**

Signature

*Denny Faint*

**OCT 12 2005**

## ADDENDUM TO OCD FORM C-144

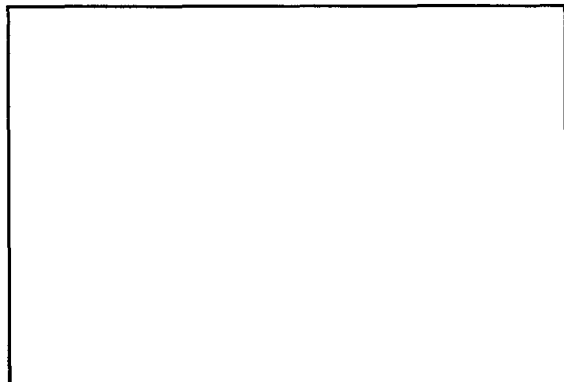
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-039-07130

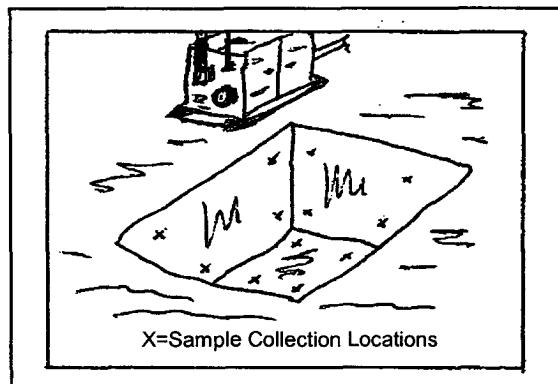
**Well Name:** SAN JUAN 28 6 UNIT #080

**Meter:** 72215

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.  
Width 15 Ft.  
Depth 2 Ft.

**Location of Pit Center**

Latitude 36.59111  
Longitude -107.4156  
(NAD 1927)

**Pit ID**

722151

**Pit Type**

Other

**Date Closure Started:** 8/5/04

**Date Closure Completed:** 8/5/04

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 83

**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	
111921MAY04	5/21/04		4770	0	3700	ASSESS	Flr	3.5	
114805AUG04	8/5/04		1836.9	4.9	970	EX Confirm	Walls	8	See Risk Analysis
120505AUG04	8/5/04		61.11	0.91	150	EX Confirm	Flr	10	See Risk Analysis

Lab Project Number: 6082900  
Client Project ID: NM PITS

Lab Sample No: 607145695      Project Sample Number: 6082900-012      Date Collected: 05/21/04 11:19  
Client Sample ID: 111921MAY04      Matrix: Soil      Date Received: 05/26/04 09:25

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	64.	6.4	06/09/04 14:08	DCKI			
Jet Fuel	ND	mg/kg	64.	6.4	06/09/04 14:08	DCKI			
Kerosene	ND	mg/kg	64.	6.4	06/09/04 14:08	DCKI			
Diesel Fuel	ND	mg/kg	64.	6.4	06/09/04 14:08	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	64.	6.4	06/09/04 14:08	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	64.	6.4	06/09/04 14:08	DCKI			
Total Petroleum Hydrocarbons	3700	mg/kg	64.	6.4	06/09/04 14:08	DCKI		7	
n-Tetracosane (S)	277	%		1.0	06/09/04 14:08	DCKI	646-31-1	11	
p-Terphenyl (S)	107	%		1.0	06/09/04 14:08	DCKI	92-94-4		
Date Extracted	06/01/04				06/01/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	22.0	%		1.0	05/27/04	DPB			

### GC Volatiles

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

Benzene	ND	ug/kg	16000	317	05/28/04 22:36	ARF	71-43-2		
Ethylbenzene	170000	ug/kg	16000	317	05/28/04 22:36	ARF	100-41-4		
Toluene	2500000	ug/kg	16000	317	05/28/04 22:36	ARF	108-88-3		
Xylene (Total)	2100000	ug/kg	40000	317	05/28/04 22:36	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	0	%		1.0	05/28/04 22:36	ARF	98-08-8	2	

## 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: 6085700  
Client Project ID: N.M. Pits

Lab Sample No: 607379559 Project Sample Number: 6085700-010 Date Collected: 08/04/04 11:48  
Client Sample ID: 114805AUG04 Matrix: Soil Date Received: 08/12/04 08:50

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	11.	1.1	08/13/04 22:41	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	08/13/04 22:41	RMN1			
Kerosene	ND	mg/kg	11.	1.1	08/13/04 22:41	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	08/13/04 22:41	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	08/13/04 22:41	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	08/13/04 22:41	RMN1			
Total Petroleum Hydrocarbons	970	mg/kg	11.	1.1	08/13/04 22:41	RMN1		1	
n-Tetracosane (S)	145	%		1.0	08/13/04 22:41	RMN1	646-31-1		
p-Terphenyl (S)	143	%		1.0	08/13/04 22:41	RMN1	92-94-4		
Date Extracted	08/13/04				08/13/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	8.9	%		1.0	08/13/04	DPB			

#### GC Volatiles

TPH Gas/BTEX	Prep/Method: TPH GRO/BTEX / EPA 8021/OA1								
Benzene	4900	ug/kg	550	10.9	08/17/04 10:37	ARF	71-43-2		
Toluene	1600000	ug/kg	11000	218	08/17/04 11:37	ARF	108-88-3		
Ethylbenzene	22000	ug/kg	550	10.9	08/17/04 10:37	ARF	100-41-4		
Xylene (Total)	210000	ug/kg	1400	10.9	08/17/04 10:37	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	118	%		1.0	08/17/04 10:37	ARF	98-08-8	5	

## 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: 6085700  
Client Project ID: N.M. Pits

Lab Sample No: 607379542      Project Sample Number: 6085700-009      Date Collected: 08/04/04 12:05  
Client Sample ID: 120505AUG04      Matrix: Soil      Date Received: 08/12/04 08:50

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	11.	1.1	08/13/04 22:23	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	08/13/04 22:23	RMN1			
Kerosene	ND	mg/kg	11.	1.1	08/13/04 22:23	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	08/13/04 22:23	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	08/13/04 22:23	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	08/13/04 22:23	RMN1			
Total Petroleum Hydrocarbons	150	mg/kg	11.	1.1	08/13/04 22:23	RMN1		4	
n-Tetracosane (S)	100	%		1.0	08/13/04 22:23	RMN1	646-31-1		
p-Terphenyl (S)	104	%		1.0	08/13/04 22:23	RMN1	92-94-4		
Date Extracted	08/13/04				08/13/04				

#### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 8.8 % 1.0 08/13/04 DPB

#### GC Volatiles

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

Benzene	910	ug/kg	220	4.4	08/17/04 10:07	ARF	71-43-2		
Toluene	22000	ug/kg	220	4.4	08/17/04 10:07	ARF	108-88-3		
Ethylbenzene	3200	ug/kg	220	4.4	08/17/04 10:07	ARF	100-41-4		
Xylene (Total)	35000	ug/kg	570	4.4	08/17/04 10:07	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	102	%		1.0	08/17/04 10:07	ARF	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.