

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 30.6 UNIT #080

API #: 30-039-07843

U/L or Qtr/Qtr L SEC 17 T 30N R 6W

County: RIO ARRIBA

Latitude 36.48.629 N

Longitude 107.29.474 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 70 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  
(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  
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  
(0 points)

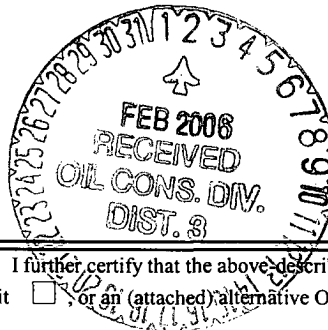
**Ranking Score (TOTAL POINTS):**

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 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: 70549



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. 4

Signature Denny Felt

FEB 02 2006  
Date:

## ADDENDUM TO OCD FORM C-144

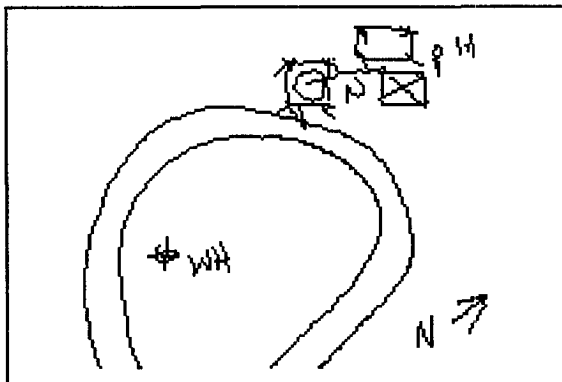
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-039-07843

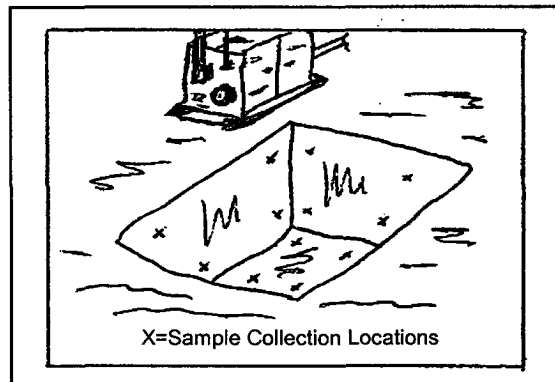
**Well Name:** SAN JUAN 30 6 UNIT #080

**Meter:** 70549

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 14 Ft.

Width 14 Ft.

Depth 2 Ft.

**Location of Pit Center**

Latitude 36 48.645 N

Longitude 07 29.481 W

(NAD 1927)

**Pit ID**

705491

**Pit Type**

Other

**Date Closure Started:** 3/31/05

**Date Closure Completed:** 3/31/05

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 33

**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	
130931MAR05	3/31/05	5			0	EX Confirm	Walls	4	
131531MAR05	3/31/05	173	11.95	0	48	EX Confirm	Flr	4.5	See Risk Analysis
154522MAR05	3/22/05		13.4	0	38	ASSESS	Flr	2.5	

Lab Project Number: 6093428  
Client Project ID: N. Mex. Pit Program

Lab Sample No: 608027082  
Client Sample ID: 154522MAR05

Project Sample Number: 6093428-012  
Matrix: Soil

Date Collected: 03/22/05 15:45  
Date Received: 04/01/05 09:00

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 04/05/05 15:07 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 04/05/05 15:07 RMN1				
Kerosene	ND	mg/kg	11.		1.1 04/05/05 15:07 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 04/05/05 15:07 RMN1 68334-30-5				
Fuel Oil	ND	mg/kg	11.		1.1 04/05/05 15:07 RMN1 68334-30-5				
Motor Oil	ND	mg/kg	11.		1.1 04/05/05 15:07 RMN1				
Total Petroleum Hydrocarbons	38.	mg/kg	11.		1.1 04/05/05 15:07 RMN1			2	
n-Tetracosane (S)	83	%			1.0 04/05/05 15:07 RMN1 646-31-1				
p-Terphenyl (S)	88	%			1.0 04/05/05 15:07 RMN1 92-94-4				
Date Extracted	04/04/05				04/04/05				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	14.4	%			1.0 04/05/05	ALJ1			

### GC/MS Volatiles

UST VOCs in Soil	Prep/Method: EPA 5030 Medium Soil / EPA 8260								
Benzene	ND	ug/kg	570		11.4 04/05/05 17:03 AEP 71-43-2				
Toluene	3900	ug/kg	570		11.4 04/05/05 17:03 AEP 108-88-3				
Ethylbenzene	ND	ug/kg	570		11.4 04/05/05 17:03 AEP 100-41-4				
Xylene (Total)	9500	ug/kg	1700		11.4 04/05/05 17:03 AEP 1330-20-7				
Dibromofluoromethane (S)	98	%			1.0 04/05/05 17:03 AEP 1868-53-7				
1,2-Dichloroethane-d4 (S)	102	%			1.0 04/05/05 17:03 AEP 17060-07-0				
Toluene-d8 (S)	101	%			1.0 04/05/05 17:03 AEP 2037-26-5				
4-Bromofluorobenzene (S)	98	%			1.0 04/05/05 17:03 AEP 460-00-4				

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6093805

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608058624  
Client Sample ID: 130931MAR05

Project Sample Number: 6093805-002  
Matrix: Soil

Date Collected: 03/31/05 13:10  
Date Received: 04/12/05 09:20

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	10.	1.0	04/15/05 12:19	RMN1			
Jet Fuel	ND	mg/kg	10.	1.0	04/15/05 12:19	RMN1			
Kerosene	ND	mg/kg	10.	1.0	04/15/05 12:19	RMN1			
Diesel Fuel	ND	mg/kg	10.	1.0	04/15/05 12:19	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	10.	1.0	04/15/05 12:19	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	10.	1.0	04/15/05 12:19	RMN1			
n-Tetracosane (S)	90	%		1.0	04/15/05 12:19	RMN1	646-31-1		
p-Terphenyl (S)	83	%		1.0	04/15/05 12:19	RMN1	92-94-4		
Date Extracted	04/14/05				04/14/05				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	2.5	%		1.0	04/13/05	ALJ1			

Date: 04/19/05

Page: 2 of 27

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**Pace Analytical Services, Inc.**  
9608 Loiret Blvd.  
Lenexa, KS 66219  
Phone: 913.599.5665  
Fax: 913.599.1759

Lab Project Number: 6093805

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608058632  
Client Sample ID: 131531MAR05

Project Sample Number: 6093805-003  
Matrix: Soil

Date Collected: 03/31/05 13:15  
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	9.8	1.0	04/15/05 12:39	RMN1			
Jet Fuel	ND	mg/kg	9.8	1.0	04/15/05 12:39	RMN1			
Kerosene	ND	mg/kg	9.8	1.0	04/15/05 12:39	RMN1			
Diesel Fuel	ND	mg/kg	9.8	1.0	04/15/05 12:39	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	9.8	1.0	04/15/05 12:39	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	9.8	1.0	04/15/05 12:39	RMN1			
Total Petroleum Hydrocarbons	48.	mg/kg	9.8	1.0	04/15/05 12:39	RMN1		1	
n-Tetracosane (S)	89	%		1.0	04/15/05 12:39	RMN1	646-31-1		
p-Terphenyl (S)	82	%		1.0	04/15/05 12:39	RMN1	92-94-4		
Date Extracted	04/14/05				04/14/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	0	%		1.0	04/13/05	ALJ1			

#### GC Volatiles

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

Benzene	ND	ug/kg	100	2.0	04/14/05 02:24	SHF	71-43-2		
Ethylbenzene	290	ug/kg	100	2.0	04/14/05 02:24	SHF	100-41-4		
Toluene	660	ug/kg	100	2.0	04/14/05 02:24	SHF	108-88-3		
Xylene (Total)	11000	ug/kg	260	2.0	04/14/05 02:24	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	82	%		1.0	04/14/05 02:24	SHF	98-08-8		

Date: 04/19/05

Page: 3 of 27

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