

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: DALSANT #001

API #: 30-045-60071

U/L or Qtr/Qtr A SEC 24 T 32N R 12W

County: SAN JUAN

Latitude 36.58.545 N

Longitude 108.02.508 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 51 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: 34029

*Outside V#*

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:

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title

Signature *Denny Jay*

Date:

FEB 02 2006

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

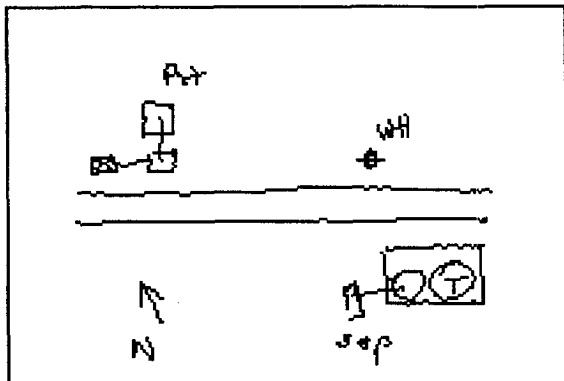
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-045-60071

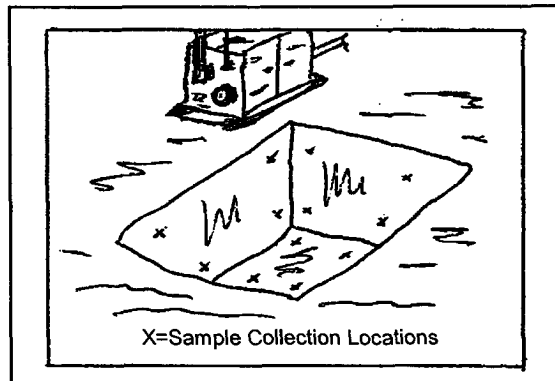
**Well Name:** DALSANT #001

**Meter:** 34029

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.

Width 12 Ft.

Depth 2 Ft.

**Location of Pit Center**

Latitude 36 58.565 N

Longitude 08 02.524 W

(NAD 1927)

**Pit ID**

340291

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 2/28/05

**Date Closure Completed:** 2/28/05

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

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:** 94

**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.

Vertical extent of excavation limited by equipment

**Pit Closure Sampling:**

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth	
104828FEB05	2/28/05	269	18	0	110	EX Confirm	Walls	11	See Risk Analysis
105528FEB05	2/28/05	161	347.8	19	89	EX Confirm	Flr	13	See Risk Analysis
122422JAN05	1/22/05		1024	84	210	ASSESS	Flr	3.5	



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

Lab Project Number: 6091199  
Client Project ID: NM Pits

Lab Sample No: 607849957  
Client Sample ID: 122422JAN05

Project Sample Number: 6091199-007  
Matrix: Soil

Date Collected: 01/22/05 12:24  
Date Received: 01/26/05 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	02/02/05 03:12	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	02/02/05 03:12	RMN1			
Kerosene	ND	mg/kg	12.	1.2	02/02/05 03:12	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	02/02/05 03:12	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	02/02/05 03:12	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	02/02/05 03:12	RMN1			
Total Petroleum Hydrocarbons	210	mg/kg	12.	1.2	02/02/05 03:12	RMN1		1	
n-Tetracosane (S)	107	%		1.0	02/02/05 03:12	RMN1	646-31-1		
p-Terphenyl (S)	116	%		1.0	02/02/05 03:12	RMN1	92-94-4		
Date Extracted	01/31/05				01/31/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.5	%		1.0	01/31/05	ALJ1			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	84000	ug/kg	2800	56.1	01/27/05 12:23		71-43-2		
Ethylbenzene	20000	ug/kg	2800	56.1	01/27/05 12:23		100-41-4		
Toluene	720000	ug/kg	5600	112	01/27/05 23:46		108-88-3		
Xylene (Total)	200000	ug/kg	7300	56.1	01/27/05 12:23		1330-20-7		
a,a,a-Trifluorotoluene (S)	200	%		1.0	01/27/05 12:23		98-08-8	2	

Date: 02/02/05

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## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6092681  
Client Project ID: NM Pits 02/18-03/04/2005

Lab Sample No: 607961778 Project Sample Number: 6092681-023 Date Collected: 02/28/05 10:48  
Client Sample ID: 104828FEB05 Matrix: Soil Date Received: 03/10/05 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	03/11/05 20:15	WAW			
Jet Fuel	ND	mg/kg	11.	1.1	03/11/05 20:15	WAW			
Kerosene	ND	mg/kg	11.	1.1	03/11/05 20:15	WAW			
Diesel Fuel	ND	mg/kg	11.	1.1	03/11/05 20:15	WAW	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	03/11/05 20:15	WAW	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	03/11/05 20:15	WAW			
Total Petroleum Hydrocarbons	110	mg/kg	11.	1.1	03/11/05 20:15	WAW		1	
n-Tetracosane (S)	95	%		1.0	03/11/05 20:15	WAW	646-31-1		
p-Terphenyl (S)	102	%		1.0	03/11/05 20:15	WAW	92-94-4		
Date Extracted	03/10/05				03/10/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	9.0	%		1.0	03/10/05	ALJ1			

#### GC/MS Volatiles

UST VOCs in Soil	Prep/Method: EPA 5030 Medium Soil / EPA 8260								
Benzene	ND	ug/kg	550	10.9	03/16/05 01:50	AEP	71-43-2		
Toluene	ND	ug/kg	550	10.9	03/16/05 01:50	AEP	108-88-3		
Ethylbenzene	ND	ug/kg	550	10.9	03/16/05 01:50	AEP	100-41-4		
Xylene (Total)	18000	ug/kg	1600	10.9	03/16/05 01:50	AEP	1330-20-7		
Dibromofluoromethane (S)	102	%		1.0	03/16/05 01:50	AEP	1868-53-7		
1,2-Dichloroethane-d4 (S)	106	%		1.0	03/16/05 01:50	AEP	17060-07-0		
Toluene-d8 (S)	98	%		1.0	03/16/05 01:50	AEP	2037-26-5		
4-Bromofluorobenzene (S)	97	%		1.0	03/16/05 01:50	AEP	460-00-4		

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Lab Project Number: 6092681  
Client Project ID: NM Pits 02/18-03/04/2005

Lab Sample No: 607961786      Project Sample Number: 6092681-024      Date Collected: 02/28/05 10:55  
Client Sample ID: 105528FEB05      Matrix: Soil      Date Received: 03/10/05 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	03/11/05 21:20	WAW			
Jet Fuel	ND	mg/kg	11.	1.1	03/11/05 21:20	WAW			
Kerosene	ND	mg/kg	11.	1.1	03/11/05 21:20	WAW			
Diesel Fuel	ND	mg/kg	11.	1.1	03/11/05 21:20	WAW	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	03/11/05 21:20	WAW	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	03/11/05 21:20	WAW			
Total Petroleum Hydrocarbons	89.	mg/kg	11.	1.1	03/11/05 21:20	WAW		1	
n-Tetracosane (S)	103	%		1.0	03/11/05 21:20	WAW	646-31-1		
p-Terphenyl (S)	100	%		1.0	03/11/05 21:20	WAW	92-94-4		
Date Extracted	03/10/05				03/10/05				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.0	%		1.0	03/10/05	ALJ1			

### GC/MS Volatiles

UST VOCs in Soil	Prep/Method: EPA 5030 Medium Soil / EPA 8260								
Benzene	19000	ug/kg	1100	22.4	03/16/05 02:06	AEP	71-43-2		
Toluene	270000	ug/kg	1100	22.4	03/16/05 02:06	AEP	108-88-3		
Ethylbenzene	4800	ug/kg	1100	22.4	03/16/05 02:06	AEP	100-41-4		
Xylene (Total)	54000	ug/kg	3400	22.4	03/16/05 02:06	AEP	1330-20-7		
Dibromofluoromethane (S)	102	%		1.0	03/16/05 02:06	AEP	1868-53-7		
1,2-Dichloroethane-d4 (S)	112	%		1.0	03/16/05 02:06	AEP	17060-07-0		
Toluene-d8 (S)	99	%		1.0	03/16/05 02:06	AEP	2037-26-5		
4-Bromofluorobenzene (S)	97	%		1.0	03/16/05 02:06	AEP	460-00-4		

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