

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: REESE MESA #009 API #: 30-045-24710 U/L or Qtr/Qtr D SEC 13 T 32N R 8W  
County: SAN JUAN Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ 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 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):**

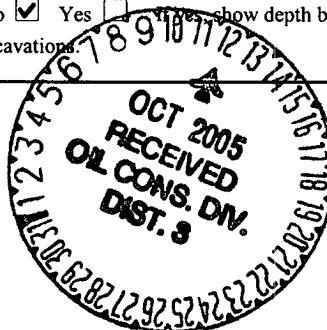
0

**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 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:

Bedrock

Meter: 85497



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 Mr. 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. 9

Printed Name/Title \_\_\_\_\_

Signature Deputy

Date: OCT 12 2005

## ADDENDUM TO OCD FORM C-144

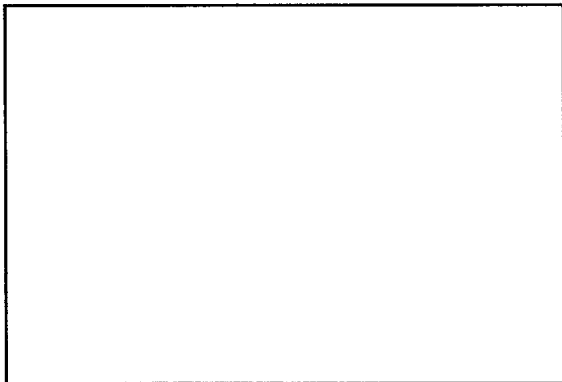
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-045-24710

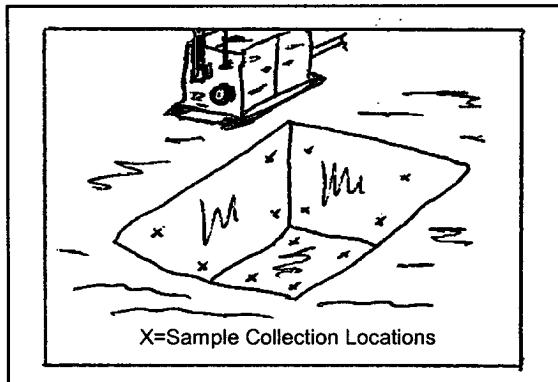
Well Name: REESE MESA #009

Meter: 85497

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 14 Ft.

Width 14 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude N36 59.3

Longitude W107 38.0

(NAD 1927)

Pit ID

854971

Pit Type

Glycol Dehydrator

Date Closure Started: 9/8/04

Date Closure Completed: 9/8/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 36

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	
085028SEP04	9/8/04	26	1.25	0	54	EX Confirm	Walls	4	
090028SEP04	9/8/04	484	80.2	0	140	EX Confirm	Flr	5	See Risk Analysis

Lab Project Number: 6087589  
Client Project ID: NM Pits

Lab Sample No: 607545837  
Client Sample ID: 085028SEP04

Project Sample Number: 6087589-006  
Matrix: Soil

Date Collected: 09/28/04 08:50  
Date Received: 10/06/04 09:30

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	12.	1.2	10/12/04 04:45	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	10/12/04 04:45	RMN1			
Kerosene	ND	mg/kg	12.	1.2	10/12/04 04:45	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	10/12/04 04:45	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	10/12/04 04:45	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	10/12/04 04:45	RMN1			
Total Petroleum Hydrocarbons	54.	mg/kg	12.	1.2	10/12/04 04:45	RMN1		1	
n-Tetracosane (S)	104	%		1.0	10/12/04 04:45	RMN1	646-31-1		
p-Terphenyl (S)	114	%		1.0	10/12/04 04:45	RMN1	92-94-4		
Date Extracted	10/11/04				10/11/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	14.0	%		1.0	10/07/04	ALJ1			

### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	120	2.3	10/11/04 22:57	ARF	71-43-2		
Ethylbenzene	150	ug/kg	120	2.3	10/11/04 22:57	ARF	100-41-4		
Toluene	ND	ug/kg	120	2.3	10/11/04 22:57	ARF	108-88-3		
Xylene (Total)	1100	ug/kg	300	2.3	10/11/04 22:57	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	93	%		1.0	10/11/04 22:57	ARF	98-08-8		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6087589  
Client Project ID: NM Pits

Lab Sample No: 607545845      Project Sample Number: 6087589-007      Date Collected: 09/28/04 09:00  
Client Sample ID: 090028SEP04      Matrix: Soil      Date Received: 10/06/04 09:30

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	10/12/04 05:02	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	10/12/04 05:02	RMN1			
Kerosene	ND	mg/kg	12.	1.2	10/12/04 05:02	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	10/12/04 05:02	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	10/12/04 05:02	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	10/12/04 05:02	RMN1			
Total Petroleum Hydrocarbons	140	mg/kg	12.	1.2	10/12/04 05:02	RMN1		1	
n-Tetracosane (S)	100	%		1.0	10/12/04 05:02	RMN1	646-31-1		
p-Terphenyl (S)	111	%		1.0	10/12/04 05:02	RMN1	92-94-4		
Date Extracted	10/11/04				10/11/04				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	15.6	%		1.0	10/08/04	ALJ1			

### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	570	11.4	10/11/04 23:25	ARF	71-43-2		
Ethylbenzene	4200	ug/kg	570	11.4	10/11/04 23:25	ARF	100-41-4		
Toluene	15000	ug/kg	570	11.4	10/11/04 23:25	ARF	108-88-3		
Xylene (Total)	61000	ug/kg	1500	11.4	10/11/04 23:25	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	92	%		1.0	10/11/04 23:25	ARF	98-08-8		

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