

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: PAYNE #004

API #: 30-045-11361

U/L or Qtr/Qtr H SEC 22 T 32N R 10W

County: SAN JUAN

Latitude 36 58.408 N

Longitude 107 51.920 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 \_\_\_\_\_ 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):**

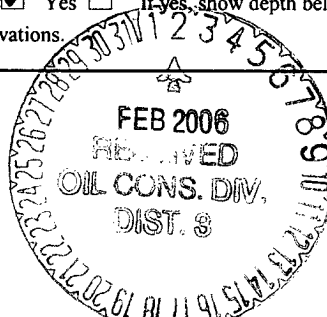
0

**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 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:

*Outside V.A.*

Meter: 38312



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. 9

Signature *Denny Zent*

FEB 02 2006

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

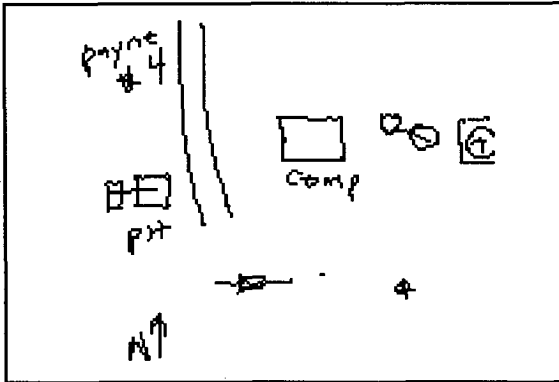
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-045-11361

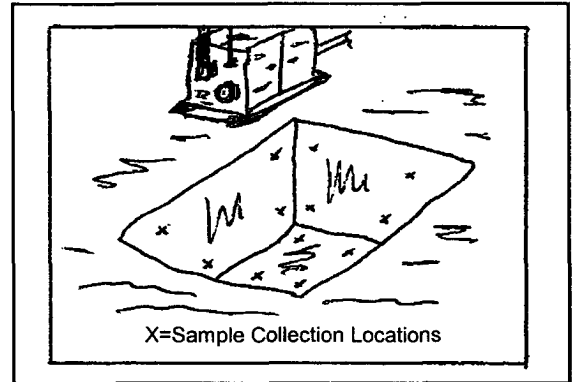
**Well Name:** PAYNE #004

**Meter:** 38312

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

**Location of Pit Center**

Latitude 36 58.381 N

Longitude 07 51.935 W

(NAD 1927)

**Pit ID**

383121

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 8/18/05

**Date Closure Completed:** 8/18/05

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 67

**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	
110418AUG05	8/18/05		2.8	0	760	EX Confirm	Walls	7	See Risk Analysis
111218AUG05	8/18/05		334	0	1100	EX Confirm	Flr	8	See Risk Analysis
153109MAR05	3/9/05		2214	77	3400	ASSESS	Flr	3.5	

Lab Project Number: 6099307

Client Project ID: N. Mex Pit Program Summer 2005

Lab Sample No: 608514444  
Client Sample ID: 110418AUG05

Project Sample Number: 6099307-008  
Matrix: Soil

Date Collected: 08/18/05 11:04  
Date Received: 09/02/05 08:30

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	09/06/05 19:08	CPR			
Jet Fuel	ND	mg/kg	11.	1.1	09/06/05 19:08	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.	1.1	09/06/05 19:08	CPR			
Diesel Fuel	ND	mg/kg	11.	1.1	09/06/05 19:08	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	11.	1.1	09/06/05 19:08	CPR	68553-00-4		
Motor Oil	ND	mg/kg	11.	1.1	09/06/05 19:08	CPR			
Total Petroleum Hydrocarbons	760	mg/kg	11.	1.1	09/06/05 19:08	CPR			2
n-Tetracosane (S)	85	%		1.0	09/06/05 19:08	CPR	646-31-1		
p-Terphenyl (S)	65	%		1.0	09/06/05 19:08	CPR	92-94-4		1
Date Extracted	09/06/05				09/06/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.1	%		1.0	09/06/05	JDM			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	56.	1.1	09/07/05 09:06	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	56.	1.1	09/07/05 09:06	SHF	100-41-4		
Toluene	110	ug/kg	56.	1.1	09/07/05 09:06	SHF	108-88-3		
Xylene (Total)	2700	ug/kg	140	1.1	09/07/05 09:06	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	82	%		1.0	09/07/05 09:06	SHF	98-08-8		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6099307

Client Project ID: N. Mex Pit Program Summer 2005

Lab Sample No: 608514451  
Client Sample ID: 111218AUG05

Project Sample Number: 6099307-009  
Matrix: Soil

Date Collected: 08/18/05 11:12  
Date Received: 09/02/05 08:30

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	09/06/05 19:29	CPR			
Jet Fuel	ND	mg/kg	11.	1.1	09/06/05 19:29	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.	1.1	09/06/05 19:29	CPR			
Diesel Fuel	ND	mg/kg	11.	1.1	09/06/05 19:29	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	11.	1.1	09/06/05 19:29	CPR	68553-00-4		
Motor Oil	ND	mg/kg	11.	1.1	09/06/05 19:29	CPR			
Total Petroleum Hydrocarbons	1100	mg/kg	11.	1.1	09/06/05 19:29	CPR		2	
n-Tetracosane (S)	81	%		1.0	09/06/05 19:29	CPR	646-31-1		
p-Terphenyl (S)	62	%		1.0	09/06/05 19:29	CPR	92-94-4	1	
Date Extracted	09/06/05				09/06/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	8.4	%		1.0	09/06/05	JDM			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	2600	51.0	09/07/05 09:33	SHF	71-43-2		
Ethylbenzene	13000	ug/kg	2600	51.0	09/07/05 09:33	SHF	100-41-4		
Toluene	21000	ug/kg	2600	51.0	09/07/05 09:33	SHF	108-88-3		
Xylene (Total)	300000	ug/kg	6600	51.0	09/07/05 09:33	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	66	%		1.0	09/07/05 09:33	SHF	98-08-8	4	

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Lab Project Number: 6093057  
Client Project ID: NM PITS 1st Quarter 2005

Lab Sample No: 607994423      Project Sample Number: 6093057-002      Date Collected: 03/09/05 15:31  
Client Sample ID: 153109MAR05      Matrix: Soil      Date Received: 03/23/05 08:18

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	13.		1.3 03/24/05 21:30	RMN1			
Jet Fuel	ND	mg/kg	13.		1.3 03/24/05 21:30	RMN1			
Kerosene	ND	mg/kg	13.		1.3 03/24/05 21:30	RMN1			
Diesel Fuel	ND	mg/kg	13.		1.3 03/24/05 21:30	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	13.		1.3 03/24/05 21:30	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	13.		1.3 03/24/05 21:30	RMN1			
Total Petroleum Hydrocarbons	3400	mg/kg	13.		1.3 03/24/05 21:30	RMN1		2	
n-Tetracosane (S)	113	%			1.0 03/24/05 21:30	RMN1	646-31-1		
p-Terphenyl (S)	119	%			1.0 03/24/05 21:30	RMN1	92-94-4		
Date Extracted	03/24/05				03/24/05				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	22.9	%			1.0 03/24/05		CPR		

### GC/MS Volatiles

UST VOCs in Soil	Prep/Method: EPA 5030 Medium Soil / EPA 8260								
Benzene	77000	ug/kg	6800	137	03/23/05 18:08	JKL	71-43-2		
Toluene	640000	ug/kg	6800	137	03/23/05 18:08	JKL	108-88-3		
Ethylbenzene	97000	ug/kg	6800	137	03/23/05 18:08	JKL	100-41-4		
Xylene (Total)	1400000	ug/kg	20000	137	03/23/05 18:08	JKL	1330-20-7		
Dibromofluoromethane (S)	102	%			1.0 03/23/05 18:08	JKL	1868-53-7		
1,2-Dichloroethane-d4 (S)	114	%			1.0 03/23/05 18:08	JKL	17060-07-0		
Toluene-d8 (S)	106	%			1.0 03/23/05 18:08	JKL	2037-26-5		
4-Bromofluorobenzene (S)	112	%			1.0 03/23/05 18:08	JKL	460-00-4		

Comments : The sample was received and analyzed outside of EPA recommended holding time.

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