

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

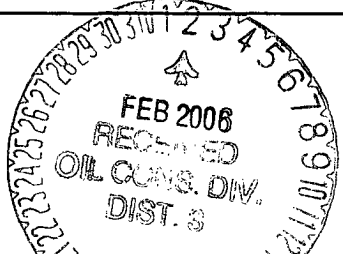
Operator: BURLINGTON RESOURCES OIL & GAS CO Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: 801 CHERRY ST FORT WORTH, TX 76102  
Facility or well name: PAYNE #004A API #: 30-045-23911 U/L or Qtr/Qtr P SEC 22 T 32N R 10W  
County: SAN JUAN Latitude 36.96613 Longitude -107.86111 NAD: 1927  1983   
Surface Owner: Federal  State  Private  Indian

**Pit**  
Type: Drilling  Production  Disposal   
Workover  Emergency   
Lined  Unlined   
Liner Type: Synthetic  Thickness \_\_\_\_\_ mil Clay   
Pit Volume 191 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)	<u>0</u>
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)	<u>0</u>
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)	<u>0</u>
<b>Ranking Score (TOTAL POINTS):</b>			<u>0</u>

**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: \_\_\_\_\_ Meter: 34796  
*Bedrock*  


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. 3 Signature Denny Farny Date: FEB 02 2006

**ADDENDUM TO OCD FORM C-144**

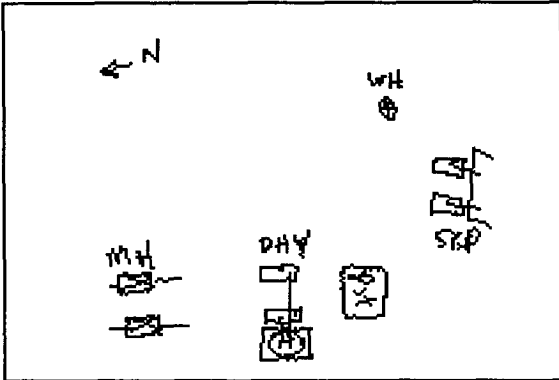
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-045-23911

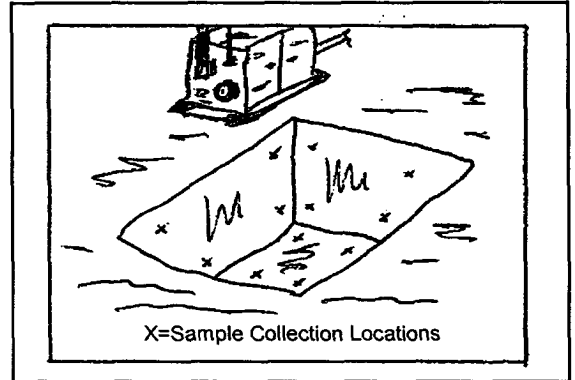
**Well Name:** PAYNE #004A

**Meter:** 34796

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 18 Ft.

Width 17 Ft.

Depth 3.5 Ft.

**Location of Pit Center**

Latitude 36.9663

Longitude -107.86124

(NAD 1927)

**Pit ID**

347961

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 8/5/05

**Date Closure Completed:** 8/5/05

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

**Bedrock Encountered ?**

**Cubic Yards Excavated:** 84

**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
114505AUG05	8/5/05	0			4600	EX Confirm	Walls	6
115105AUG05	8/5/05	270	84.1	0	1400	EX Confirm	Flr	7
141517MAY04	5/17/04		1107	23	17000	ASSESS	Flr	3

See Risk Analysis

Lab Project Number: 6098435  
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608444543      Project Sample Number: 6098435-005      Date Collected: 08/05/05 11:45  
Client Sample ID: 114505AUG05      Matrix: Soil      Date Received: 08/11/05 09:00

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	21.		2.1 08/17/05 00:24	CPR			
Jet Fuel	ND	mg/kg	21.		2.1 08/17/05 00:24	CPR	94114-58-6		
Kerosene	ND	mg/kg	21.		2.1 08/17/05 00:24	CPR			
Diesel Fuel	4600	mg/kg	21.		2.1 08/17/05 00:24	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	21.		2.1 08/17/05 00:24	CPR	68553-00-4		
Motor Oil	ND	mg/kg	21.		2.1 08/17/05 00:24	CPR			
n-Tetracosane (S)	129	%			1.0 08/17/05 00:24	CPR	646-31-1		
p-Terphenyl (S)	102	%			1.0 08/17/05 00:24	CPR	92-94-4		
Date Extracted	08/11/05				08/11/05				

**Organics Prep**

Percent Moisture	Method: SM 2540G								
Percent Moisture	4.7	%			1.0 08/11/05	JDM			

**REPORT OF LABORATORY ANALYSIS**

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Lab Project Number: 6098435  
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608444550      Project Sample Number: 6098435-006      Date Collected: 08/05/05 11:51  
Client Sample ID: 115105AUG05      Matrix: Soil      Date Received: 08/11/05 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	10.		1.1 08/13/05 00:16	CPR			
Jet Fuel	ND	mg/kg	10.		1.1 08/13/05 00:16	CPR	94114-58-6		
Kerosene	ND	mg/kg	10.		1.1 08/13/05 00:16	CPR			
Diesel Fuel	ND	mg/kg	10.		1.1 08/13/05 00:16	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	10.		1.1 08/13/05 00:16	CPR	68553-00-4		
Motor Oil	ND	mg/kg	10.		1.1 08/13/05 00:16	CPR			
Total Petroleum Hydrocarbons	1400	mg/kg	10.		1.1 08/13/05 00:16	CPR			1
n-Tetracosane (S)	108	%			1.0 08/13/05 00:16	CPR	646-31-1		
p-Terphenyl (S)	98	%			1.0 08/13/05 00:16	CPR	92-94-4		
Date Extracted	08/11/05				08/11/05				

**Organics Prep**

Percent Moisture	Method: SM 2540G								
Percent Moisture	5.4	%			1.0 08/11/05	JDM			

**GC Volatiles**

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	530		10.6 08/12/05 21:15	SHF	71-43-2		
Ethylbenzene	3300	ug/kg	530		10.6 08/12/05 21:15	SHF	100-41-4		
Toluene	1800	ug/kg	530		10.6 08/12/05 21:15	SHF	108-88-3		
Xylene (Total)	79000	ug/kg	1400		10.6 08/12/05 21:15	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	65	%			1.0 08/12/05 21:15	SHF	98-08-8		3

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Lab Project Number: 6082624  
Client Project ID: N.M. Pit Program

Lab Sample No: 607121506      Project Sample Number: 6082624-032      Date Collected: 05/17/04 14:15  
Client Sample ID: 141517MAY04      Matrix: Soil      Date Received: 05/18/04 09:05

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	140		14.0 05/26/04 14:42	DCKI			
Jet Fuel	ND	mg/kg	140		14.0 05/26/04 14:42	DCKI			
Kerosene	ND	mg/kg	140		14.0 05/26/04 14:42	DCKI			
Diesel Fuel	ND	mg/kg	140		14.0 05/26/04 14:42	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	140		14.0 05/26/04 14:42	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	140		14.0 05/26/04 14:42	DCKI			
Total Petroleum Hydrocarbons	17000	mg/kg	140		14.0 05/26/04 14:42	DCKI			2
n-Tetracosane (S)	705	%			1.0 05/26/04 14:42	DCKI	646-31-1		3
p-Terphenyl (S)	224	%			1.0 05/26/04 14:42	DCKI	92-94-4		3
Date Extracted	05/21/04				05/21/04				

**Organics Prep**

Percent Moisture	Method: SM 2540G								
Percent Moisture	29.8	%			1.0 05/21/04				DPB

**GC Volatiles**

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	23000	ug/kg	17000		342 05/25/04 12:03	ARF	71-43-2		
Ethylbenzene	64000	ug/kg	17000		342 05/25/04 12:03	ARF	100-41-4		
Toluene	160000	ug/kg	17000		342 05/25/04 12:03	ARF	108-88-3		
Xylene (Total)	860000	ug/kg	43000		342 05/25/04 12:03	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	85	%			1.0 05/25/04 12:03	ARF	98-08-8		

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