

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: MCCLANAHAN #015E

API #: 30-045-24108

U/L or Qtr/Qtr Q SEC 14 T 28N R 10W

County: SAN JUAN

Latitude 36.65742

Longitude -107.86169

NAD: 1927 ☒ 1983 ☐

Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

Liner Type: Synthetic ☒ Thickness \_\_\_\_\_ mil Clay ☐

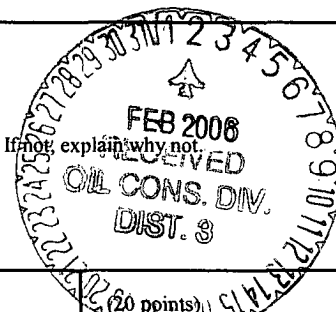
Pit Volume 100 bbl

**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:

Meter: 35891

*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 mr Zing, 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 Lenny F...

**FEB 02 2006**  
Date: \_\_\_\_\_

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

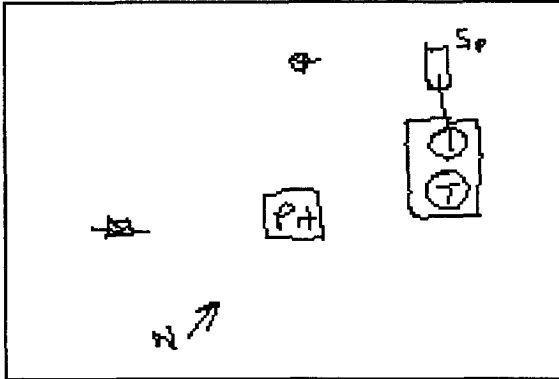
**Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP

**API** 30-045-24108

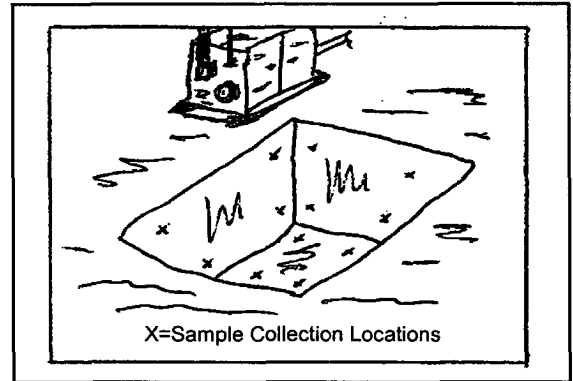
**Well Name:** MCCLANAHAN #015E

**Meter:** 35891

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.

Width 15 Ft.

Depth 2.5 Ft.

**Location of Pit Center**

Latitude 36.65729

Longitude -107.86156

(NAD 1927)

**Pit ID**

358911

**Pit Type**

Unknown

**Date Closure Started:** 9/6/05

**Date Closure Completed:** 9/6/05

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 47

**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
093606SEP05	9/6/05					EX Confirm	Walls	5
094206SEP05	9/6/05					EX Confirm	Flr	5
152906JUN04	6/6/04		1008	37	2300	ASSESS	Flr	2.5

Lab Project Number: 60100001  
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608561650 Project Sample Number: 60100001-012 Date Collected: 09/06/05 09:36  
Client Sample ID: 093606SEP05 Matrix: Soil Date Received: 09/16/05 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	11.		1.1 09/21/05 09:13	CPR			
Jet Fuel	ND	mg/kg	11.		1.1 09/21/05 09:13	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.		1.1 09/21/05 09:13	CPR			
Diesel Fuel	ND	mg/kg	11.		1.1 09/21/05 09:13	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	11.		1.1 09/21/05 09:13	CPR	68553-00-4		
Motor Oil	ND	mg/kg	11.		1.1 09/21/05 09:13	CPR			
Total Petroleum Hydrocarbons	1300	mg/kg	11.		1.1 09/21/05 09:13	CPR		1	
n-Tetracosane (S)	157	%			1.0 09/21/05 09:13	CPR	646-31-1	2	
p-Terphenyl (S)	106	%			1.0 09/21/05 09:13	CPR	92-94-4		
Date Extracted	09/20/05				09/20/05				

#### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 10.3 % 1.0 09/19/05 BAG1

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 60100001  
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608561668 Project Sample Number: 60100001-013 Date Collected: 09/06/05 09:42  
Client Sample ID: 094206SEP05 Matrix: Soil Date Received: 09/16/05 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	11.	1.1	09/21/05 12:49	CPR			
Jet Fuel	ND	mg/kg	11.	1.1	09/21/05 12:49	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.	1.1	09/21/05 12:49	CPR			
Diesel Fuel	ND	mg/kg	11.	1.1	09/21/05 12:49	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	11.	1.1	09/21/05 12:49	CPR	68553-00-4		
Motor Oil	ND	mg/kg	11.	1.1	09/21/05 12:49	CPR			
Total Petroleum Hydrocarbons	43.	mg/kg	11.	1.1	09/21/05 12:49	CPR		1	
n-Tetracosane (S)	121	%		1.0	09/21/05 12:49	CPR	646-31-1		
p-Terphenyl (S)	106	%		1.0	09/21/05 12:49	CPR	92-94-4		
Date Extracted	09/20/05				09/20/05				

#### Organics Prep

Percent Moisture Method: SM 2540G  
Percent Moisture 9.8 % 1.0 09/19/05 BAG1

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Lab Project Number: 6083363  
Client Project ID: N.M. Pits

Lab Sample No: 607186798      Project Sample Number: 6083363-023      Date Collected: 06/06/04 15:29  
Client Sample ID: 152906JUN04      Matrix: Soil      Date Received: 06/09/04 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	27.	2.7	06/14/04 19:37	DCKI			
Jet Fuel	ND	mg/kg	27.	2.7	06/14/04 19:37	DCKI			
Kerosene	ND	mg/kg	27.	2.7	06/14/04 19:37	DCKI			
Diesel Fuel	ND	mg/kg	27.	2.7	06/14/04 19:37	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	27.	2.7	06/14/04 19:37	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	27.	2.7	06/14/04 19:37	DCKI			
Total Petroleum Hydrocarbons	2300	mg/kg	27.	2.7	06/14/04 19:37	DCKI		3	
n-Tetracosane (S)	426	%		1.0	06/14/04 19:37	DCKI	646-31-1	10	
p-Terphenyl (S)	90	%		1.0	06/14/04 19:37	DCKI	92-94-4		
Date Extracted	06/10/04				06/10/04				

#### Organics Prep

Percent Moisture      Method: SM 2540G  
Percent Moisture      25.9      %      1.0 06/10/04      DPB

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	37000	ug/kg	4900	97.0	06/11/04 22:33		71-43-2		
Ethylbenzene	61000	ug/kg	4900	97.0	06/11/04 22:33		100-41-4		
Toluene	140000	ug/kg	4900	97.0	06/11/04 22:33		108-88-3		
Xylene (Total)	770000	ug/kg	12000	97.0	06/11/04 22:33		1330-20-7		
a.a.a-Trifluorotoluene (S)	124	%		1.0	06/11/04 22:33		98-08-8	5	

Comments : Ice melted on arrival!

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