

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: RICHARDSON #005A

API #: 30-045-22863

U/L or Qtr/Qtr I SEC 21 T 31N R 12W

County: SAN JUAN

Latitude 36.88163

Longitude -108.09662

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 77 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):

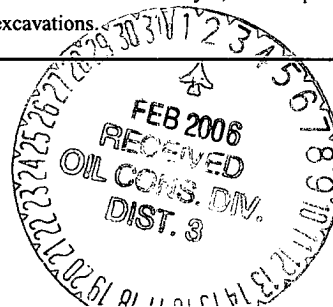
0

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: 34581

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. 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 [Signature]

FEB 02 2006
Date:

ADDENDUM TO OCD FORM C-144

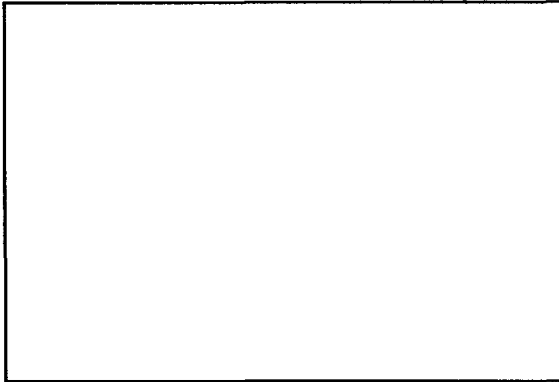
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-045-22863

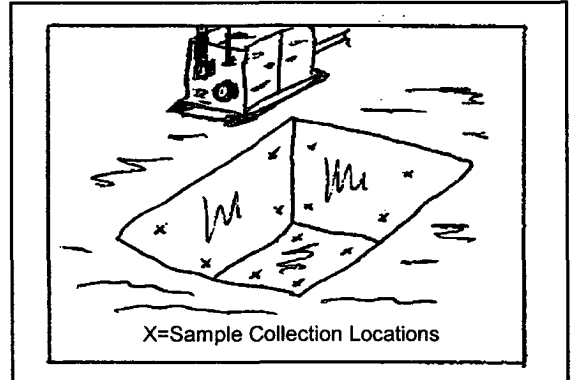
Well Name: RICHARDSON #005A

Meter: 34581

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.

Width 12 Ft.

Depth 3 Ft.

Location of Pit Center

Latitude 36.88134

Longitude -108.0967

(NAD 1927)

Pit ID

345811

Pit Type

Glycol Dehydrator

Date Closure Started: 8/23/05

Date Closure Completed: 8/23/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 31

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	
104923AUG05	8/23/05	○			160	EX Confirm	Walls	4	
110523AUG05	8/23/05		0.2	○	○	EX Confirm	Flr	5	See Risk Analysis
111417MAR04	3/17/04		256.9	8.9	430	ASSESS	Flr	3	

Lab Project Number: 6099307

Client Project ID: N. Mex Pit Program Summer 2005

Lab Sample No: 608514469
Client Sample ID: 104923AUG05

Project Sample Number: 6099307-010
Matrix: Soil

Date Collected: 08/23/05 10:49
Date Received: 09/02/05 08:30

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
GC Semivolatiles									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.	1.1	09/06/05 20:34	CPR			
Jet Fuel	ND	mg/kg	11.	1.1	09/06/05 20:34	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.	1.1	09/06/05 20:34	CPR			
Diesel Fuel	ND	mg/kg	11.	1.1	09/06/05 20:34	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	11.	1.1	09/06/05 20:34	CPR	68553-00-4		
Motor Oil	ND	mg/kg	11.	1.1	09/06/05 20:34	CPR			
Total Petroleum Hydrocarbons	160	mg/kg	11.	1.1	09/06/05 20:34	CPR			5
n-Tetracosane (S)	87	%		1.0	09/06/05 20:34	CPR	646-31-1		
p-Terphenyl (S)	66	%		1.0	09/06/05 20:34	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

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6099307

Client Project ID: N. Mex Pit Program Summer 2005

Lab Sample No: 608514493
Client Sample ID: 110523AUG05

Project Sample Number: 6099307-011

Matrix: Soil

Date Collected: 08/23/05 11:05

Date Received: 09/02/05 08:30

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	11.	1.1	09/06/05 20:55	CPR			
Jet Fuel	ND	mg/kg	11.	1.1	09/06/05 20:55	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.	1.1	09/06/05 20:55	CPR			
Diesel Fuel	ND	mg/kg	11.	1.1	09/06/05 20:55	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	11.	1.1	09/06/05 20:55	CPR	68553-00-4		
Motor Oil	ND	mg/kg	11.	1.1	09/06/05 20:55	CPR			
n-Tetracosane (S)	82	%		1.0	09/06/05 20:55	CPR	646-31-1		
p-Terphenyl (S)	63	%		1.0	09/06/05 20:55	CPR	92-94-4	1	
Date Extracted	09/06/05				09/06/05				

Organics Prep

Percent Moisture Method: SM 2540G

Percent Moisture	10.4	%		1.0	09/06/05	JDM			
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GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	56.	1.1	09/06/05 17:47	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	56.	1.1	09/06/05 17:47	SHF	100-41-4		
Toluene	ND	ug/kg	56.	1.1	09/06/05 17:47	SHF	108-88-3		
Xylene (Total)	200	ug/kg	140	1.1	09/06/05 17:47	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	102	%		1.0	09/06/05 17:47	SHF	98-08-8		

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