

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: COOPER #004E

API #: 30-045-23903

U/L or Qtr/Qtr D SEC 18 T 29N R 11W

County: SAN JUAN

Latitude 36.73003

Longitude -108.0374

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):

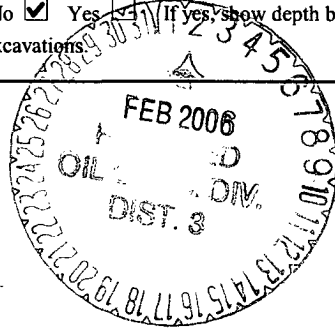
0

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 _____. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

Meter: 39229

Outside ✓ H



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

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 Wendy Felt

FEB 02 2006
Date: FEB 02 2006

ADDENDUM TO OCD FORM C-144

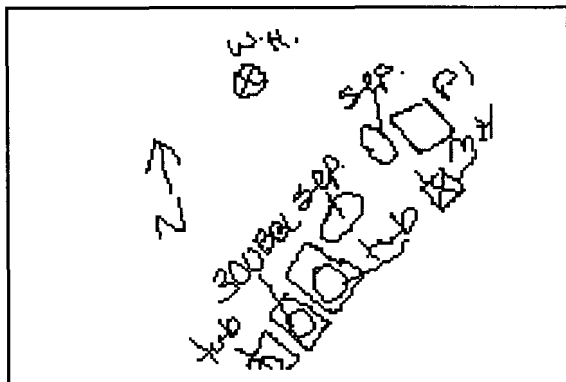
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-045-23903

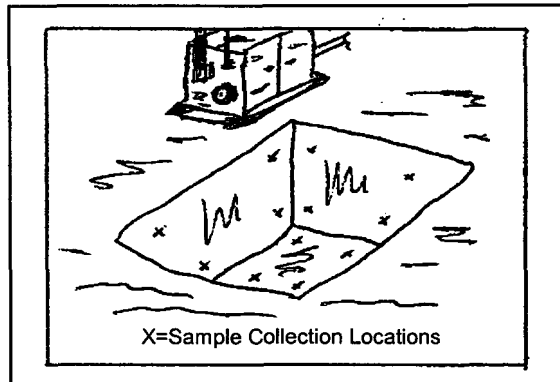
Well Name: COOPER #004E

Meter: 39229

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.
Width 12 Ft.
Depth 3 Ft.

Location of Pit Center

Latitude 36.73008
Longitude -108.03707
(NAD 1927)

Pit ID

392291

Pit Type

Separator

Date Closure Started: 1/4/05

Date Closure Completed: 1/4/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 50

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	
090204JAN05	1/4/05	92			0	EX Confirm	Walls	7	
091304JAN05	1/4/05	257	85	0	330	EX Confirm	Flr	8	See Risk Analysis
145515MAR04	3/15/04		420	13	2500	ASSESS	Flr	3	



Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Phone: 913.599.5665
Fax: 913.599.1759

Lab Project Number: 6091105
Client Project ID: N. Mex Pit Program

Lab Sample No: 607842234
Client Sample ID: 090204JAN05

Project Sample Number: 6091105-013
Matrix: Soil

Date Collected: 01/04/05 09:02
Date Received: 01/21/05 09:10

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	10.	1.0	01/25/05 22:22	RMN1			
Jet Fuel	ND	mg/kg	10.	1.0	01/25/05 22:22	RMN1			
Kerosene	ND	mg/kg	10.	1.0	01/25/05 22:22	RMN1			
Diesel Fuel	ND	mg/kg	10.	1.0	01/25/05 22:22	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	10.	1.0	01/25/05 22:22	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	10.	1.0	01/25/05 22:22	RMN1			
n-Tetracosane (S)	107	%		1.0	01/25/05 22:22	RMN1	646-31-1		
p-Terphenyl (S)	115	%		1.0	01/25/05 22:22	RMN1	92-94-4		
Date Extracted	01/24/05				01/24/05				

Organics Prep

Percent Moisture	Method: SM 2540G					
Percent Moisture	3.7	%	1.0	01/25/05	ALJ1	

Date: 01/27/05

Page: 12 of 32

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6091105
Client Project ID: N. Mex Pit Program

Lab Sample No: 607842226 Project Sample Number: 6091105-012 Date Collected: 01/04/05 09:13
Client Sample ID: 091304JAN05 Matrix: Soil Date Received: 01/21/05 09:10

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	11.	1.1	01/25/05 04:12	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	01/25/05 04:12	RMN1			
Kerosene	ND	mg/kg	11.	1.1	01/25/05 04:12	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	01/25/05 04:12	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	01/25/05 04:12	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	01/25/05 04:12	RMN1			
Total Petroleum Hydrocarbons	330	mg/kg	11.	1.1	01/25/05 04:12	RMN1		4	
n-Tetracosane (S)	108	%		1.0	01/25/05 04:12	RMN1	646-31-1		
p-Terphenyl (S)	108	%		1.0	01/25/05 04:12	RMN1	92-94-4		
Date Extracted	01/24/05				01/24/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	8.0	%		1.0	01/25/05	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	1800	36.5	01/24/05 18:47		71-43-2		
Ethylbenzene	4000	ug/kg	1800	36.5	01/24/05 18:47		100-41-4		
Toluene	24000	ug/kg	1800	36.5	01/24/05 18:47		108-88-3		
Xylene (Total)	57000	ug/kg	4700	36.5	01/24/05 18:47		1330-20-7		
a,a,a-Trifluorotoluene (S)	99	%		1.0	01/24/05 18:47		98-08-8	3,8	

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Lab Project Number: 6080621
Client Project ID: N.M. Pit Program

Lab Sample No: 606936417 Project Sample Number: 6080621-012 Date Collected: 03/15/04 14:55
Client Sample ID: 145515MAR04 Matrix: Soil Date Received: 03/23/04 09:00

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	03/27/04 05:18	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	03/27/04 05:18	RMN1			
Kerosene	ND	mg/kg	11.	1.1	03/27/04 05:18	RMN1			
Diesel Fuel	2500	mg/kg	11.	1.1	03/27/04 05:18	RMN1	68334-30-5	14	
Fuel Oil	ND	mg/kg	11.	1.1	03/27/04 05:18	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	03/27/04 05:18	RMN1			
n-Tetracosane (S)	142	%		1.0	03/27/04 05:18	RMN1	646-31-1		
p-Terphenyl (S)	149	%		1.0	03/27/04 05:18	RMN1	92-94-4		
Date Extracted	03/25/04				03/25/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 11.5 % 1.0 03/25/04 DPB

GC Volatiles

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

Benzene	13000	ug/kg	2800	56.5	03/24/04 12:04	71-43-2	
Ethylbenzene	27000	ug/kg	2800	56.5	03/24/04 12:04	100-41-4	
Toluene	ND	ug/kg	2800	56.5	03/24/04 12:04	108-88-3	
Xylene (Total)	380000	ug/kg	7100	56.5	03/24/04 12:04	1330-20-7	
a,a,a-Trifluorotoluene (S)	564	%		1.0	03/24/04 12:04	98-08-8	3,5

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