

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: SAN JUAN 27 5 UNIT #117 API #: 30-039-20221 U/L or Qtr/Qtr A SEC 22 T 27N R 5W
County: RIO ARRIBA Latitude 36.56258 Longitude -107.34933 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 120 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):

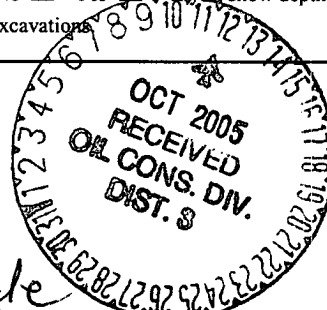
0

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:

Vertical
Extent?

Outside



Meter: 82162

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: 9/18/05

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. 8

Printed Name/Title _____ Signature Denny Fout

OCT 12 2005

Date: _____

ADDENDUM TO OCD FORM C-144

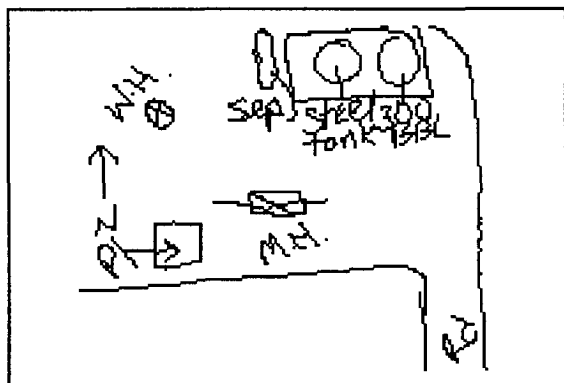
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-20221

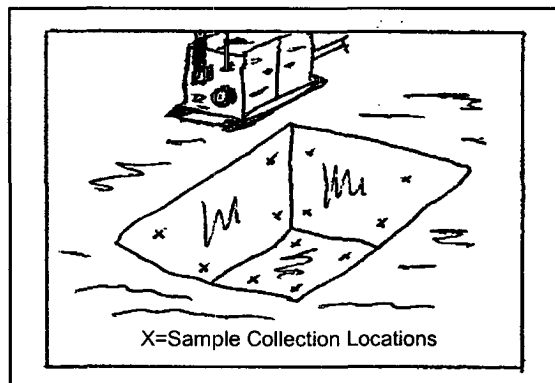
Well Name: SAN JUAN 27 5 UNIT #117

Meter: 82162

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.
Width 15 Ft.
Depth 3 Ft.

Location of Pit Center

Latitude 36.56233
Longitude -107.34913
(NAD 1927)

Pit ID

821621

Pit Type

Unknown

Date Closure Started: 4/30/04

Date Closure Completed: 4/30/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☐

Cubic Yards Excavated: 222

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.

Vertical extent of excavation limited by equipment

Pit Closure Sampling:

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth	
104730APR04	4/30/04		189.7	0.7	550	EX Confirm	Flr	12	See Risk Analysis
105030APR04	4/30/04		144.3	0	1800	EX Confirm	Walls	10	See Risk Analysis
111114AUG03	8/14/03		268.8	3.8	200	ASSESS	Flr	4	

Lab Project Number: 6073744

Client Project ID: NEW MEXICO PIT PROGRAM

Solid results are reported on a dry weight basis

Lab Sample No: 606344174
Client Sample ID: 111114AUG03

Project Sample Number: 6073744-001
Matrix: Soil

Date Collected: 08/14/03 11:11
Date Received: 08/19/03 09:20

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
------------	---------	-------	--------------	----	----------	----	---------	------	--------

GC Semivolatiles

Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.		1.1 08/22/03 16:24	RMN1			
Jet Fuel	ND	mg/kg	11.		1.1 08/22/03 16:24	RMN1			
Kerosene	ND	mg/kg	11.		1.1 08/22/03 16:24	RMN1			
Diesel Fuel	ND	mg/kg	11.		1.1 08/22/03 16:24	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 08/22/03 16:24	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 08/22/03 16:24	RMN1			
Total Petroleum Hydrocarbons	200	mg/kg	11.		1.1 08/22/03 16:24	RMN1		1	
n-Tetracosane (S)	124	%			1.0 08/22/03 16:24	RMN1	646-31-1		
p-Terphenyl (S)	109	%			1.0 08/22/03 16:24	RMN1	92-94-4		
Date Extracted	08/21/03				08/21/03				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	13.0	%			1.0 08/21/03	PLH			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	3800	ug/kg	1100		22.8 08/21/03 10:07	SHF	71-43-2		
Ethylbenzene	10000	ug/kg	1100		22.8 08/21/03 10:07	SHF	100-41-4		
Toluene	75000	ug/kg	1100		22.8 08/21/03 10:07	SHF	108-88-3		
Xylene (Total)	180000	ug/kg	2900		22.8 08/21/03 10:07	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	0	%			1.0 08/21/03 10:07	SHF	98-08-8	2	

Date: 08/25/03

Page: 1 of 9

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.



Lab Project Number: 6082051
Client Project ID: N.M. Pit Program

Lab Sample No: 607072261 Project Sample Number: 6082051-005 Date Collected: 04/30/04 10:50
Client Sample ID: 105030APR04 Matrix: Soil Date Received: 05/04/04 09:15

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	05/06/04 21:37	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	05/06/04 21:37	RMN1			
Kerosene	ND	mg/kg	11.	1.1	05/06/04 21:37	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	05/06/04 21:37	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	05/06/04 21:37	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	05/06/04 21:37	RMN1			
Total Petroleum Hydrocarbons	1800	mg/kg	11.	1.1	05/06/04 21:37	RMN1		4	
n-Tetracosane (S)	122	%		1.0	05/06/04 21:37	RMN1	646-31-1		
p-Terphenyl (S)	107	%		1.0	05/06/04 21:37	RMN1	92-94-4		
Date Extracted	05/05/04				05/05/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	7.8	%		1.0	05/05/04	DPB			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	1100	21.7	05/05/04 15:25	ARF	71-43-2		
Ethylbenzene	5500	ug/kg	1100	21.7	05/05/04 15:25	ARF	100-41-4		
Toluene	8800	ug/kg	1100	21.7	05/05/04 15:25	ARF	108-88-3		
Xylene (Total)	130000	ug/kg	2700	21.7	05/05/04 15:25	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	72	%		1.0	05/05/04 15:25	ARF	98-08-8	5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Lab Project Number: 6082051
Client Project ID: N.M. Pit Program

Lab Sample No: 607072253 Project Sample Number: 6082051-004 Date Collected: 04/30/04 10:47
Client Sample ID: 104730APR04 Matrix: Soil Date Received: 05/04/04 09:15

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	05/06/04 21:23	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	05/06/04 21:23	RMN1			
Kerosene	ND	mg/kg	11.	1.1	05/06/04 21:23	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	05/06/04 21:23	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	05/06/04 21:23	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	05/06/04 21:23	RMN1			
Total Petroleum Hydrocarbons	550	mg/kg	11.	1.1	05/06/04 21:23	RMN1		4	
n-Tetracosane (S)	113	%		1.0	05/06/04 21:23	RMN1	646-31-1		
p-Terphenyl (S)	99	%		1.0	05/06/04 21:23	RMN1	92-94-4		
Date Extracted	05/05/04				05/05/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.3	%		1.0	05/05/04	DPB			

GC Volatiles

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

Benzene	700	ug/kg	440	8.9	05/05/04 14:13	ARF	71-43-2		
Ethylbenzene	11000	ug/kg	440	8.9	05/05/04 14:13	ARF	100-41-4		
Toluene	48000	ug/kg	440	8.9	05/05/04 14:13	ARF	108-88-3		
Xylene (Total)	130000	ug/kg	1100	8.9	05/05/04 14:13	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	107	%		1.0	05/05/04 14:13	ARF	98-08-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.