

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 #199 API #: 30-039-23052 U/L or Qtr/Qtr H SEC 10 T 27N R 5W
County: RIO ARRIBA Latitude 36.59049 Longitude -107.33987 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 285 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
(0 points)

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
(0 points)

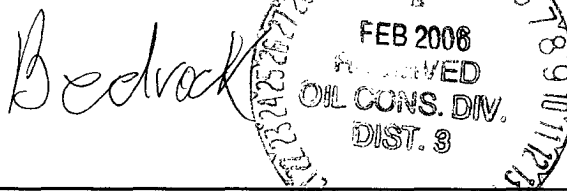
Ranking Score (TOTAL POINTS):

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: 85831



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 SPUTY OIL & GAS INSPECTOR, DIST. 3

Signature Denny Fort

FEB 02 2006
Date:

ADDENDUM TO OCD FORM C-144

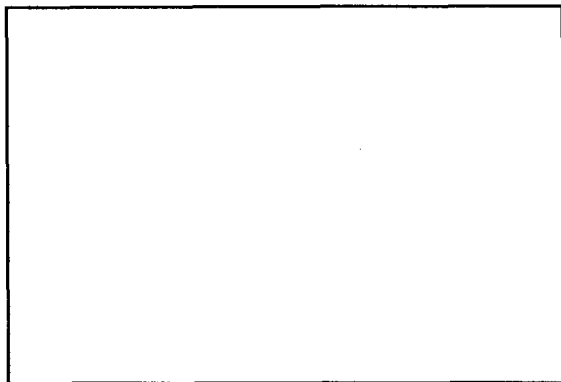
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-23052

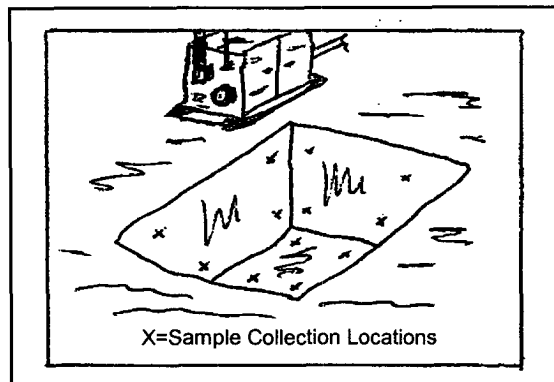
Well Name: SAN JUAN 27 5 UNIT #199

Meter: 85831

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 20 Ft.

Width 20 Ft.

Depth 4 Ft.

Location of Pit Center

Latitude 36.59068

Longitude -107.33981

(NAD 1927)

Pit ID

858311

Pit Type

Glycol Dehydrator

Date Closure Started: 5/17/05

Date Closure Completed: 5/17/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 74

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	
142817MAY05	5/17/05	155	29.16	0.76	87	EX Confirm	Walls	5	See Risk Analysis
143317MAY05	5/17/05	133	83.4	0	110	EX Confirm	Flr	5	See Risk Analysis
143615JUL02	7/15/02		1480	75	300	ASSESS		1	

Lab Project Number: 6060926

Client Project ID: N.M. Pits Assessments

Solid results are reported on a dry weight basis

Lab Sample No: 605283076

Project Sample Number: 6060926-001

Date Collected: 07/15/02 14:36

Client Sample ID: 143615JUL02

Matrix: Soil

Date Received: 07/18/02 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 07/29/02 03:36	MIM			
Jet Fuel	ND	mg/kg	11.		1.1 07/29/02 03:36	MIM			
Kerosene	ND	mg/kg	11.		1.1 07/29/02 03:36	MIM			
Diesel Fuel	300	mg/kg	11.		1.1 07/29/02 03:36	MIM	68334-30-5	1	
Fuel Oil	ND	mg/kg	11.		1.1 07/29/02 03:36	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 07/29/02 03:36	MIM			
n-Tetracosane (S)	122	%			1.0 07/29/02 03:36	MIM	646-31-1		
p-Terphenyl (S)	94	%			1.0 07/29/02 03:36	MIM	92-94-4		
Date Extracted					07/24/02				

Organics Prep

Percent Moisture

Method:

Percent Moisture

12.6

%

1.0 07/25/02

MAM

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	75000	ug/kg	2800		55.3 07/25/02 12:35		71-43-2		
Ethylbenzene	55000	ug/kg	2800		55.3 07/25/02 12:35		100-41-4		
Toluene	600000	ug/kg	2800		55.3 07/25/02 12:35		108-88-3		
Xylene (Total)	750000	ug/kg	7000		55.3 07/25/02 12:35		1330-20-7		
a,a,a-Trifluorotoluene (S)	135	%			1.0 07/25/02 12:35		98-08-8	2	

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: 6095563
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608203279 Project Sample Number: 6095563-005 Date Collected: 05/17/05 14:28
Client Sample ID: 142817MAY05 Matrix: Soil Date Received: 05/27/05 08:55

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	05/31/05 16:02	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	05/31/05 16:02	RMN1			
Kerosene	ND	mg/kg	11.	1.1	05/31/05 16:02	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	05/31/05 16:02	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	05/31/05 16:02	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	05/31/05 16:02	RMN1			
Total Petroleum Hydrocarbons	87.	mg/kg	11.	1.1	05/31/05 16:02	RMN1		1	
n-Tetracosane (S)	91	%		1.0	05/31/05 16:02	RMN1	646-31-1		
p-Terphenyl (S)	81	%		1.0	05/31/05 16:02	RMN1	92-94-4		
Date Extracted	05/31/05				05/31/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.8	%		1.0	05/31/05	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	760	ug/kg	670	13.3	05/31/05 10:51	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	670	13.3	05/31/05 10:51	SHF	100-41-4		
Toluene	2400	ug/kg	670	13.3	05/31/05 10:51	SHF	108-88-3		
Xylene (Total)	26000	ug/kg	1700	13.3	05/31/05 10:51	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	104	%		1.0	05/31/05 10:51	SHF	98-08-8	2	

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: 6095563
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608203287 Project Sample Number: 6095563-006 Date Collected: 05/17/05 14:33
Client Sample ID: ~~143337 MAY 05~~ 143317 MAY 05 Matrix: Soil Date Received: 05/27/05 08:55

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

GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Mineral Spirits	ND	mg/kg	11.	1.1	05/31/05 16:21	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	05/31/05 16:21	RMN1			
Kerosene	ND	mg/kg	11.	1.1	05/31/05 16:21	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	05/31/05 16:21	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	05/31/05 16:21	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	05/31/05 16:21	RMN1			
Total Petroleum Hydrocarbons	110	mg/kg	11.	1.1	05/31/05 16:21	RMN1		1	
n-Tetracosane (S)	95	%		1.0	05/31/05 16:21	RMN1	646-31-1		
p-Terphenyl (S)	83	%		1.0	05/31/05 16:21	RMN1	92-94-4		
Date Extracted	05/31/05				05/31/05				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 10.9 % 1.0 05/31/05 ALJ1

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Benzene	ND	ug/kg	1000	20.8	05/31/05 15:37	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	1000	20.8	05/31/05 15:37	SHF	100-41-4		
Toluene	3400	ug/kg	1000	20.8	05/31/05 15:37	SHF	108-88-3		
Xylene (Total)	80000	ug/kg	2700	20.8	05/31/05 15:37	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	95	%		1.0	05/31/05 15:37	SHF	98-08-8	2	

REPORT OF LABORATORY ANALYSIS

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