

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 #061A

API #: 30-039-21859

U/L or Qtr/Qtr I SEC 5 T 27N R 5W

County: RIO ARRIBA

Latitude 36.59998

Longitude -107.37585

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 214 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):

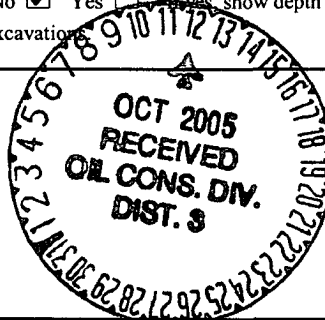
0

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:

Bedrock

Meter: 85271



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 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 Denny Faust

Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

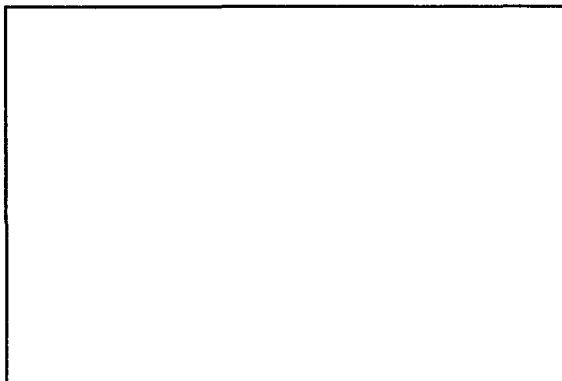
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-21859

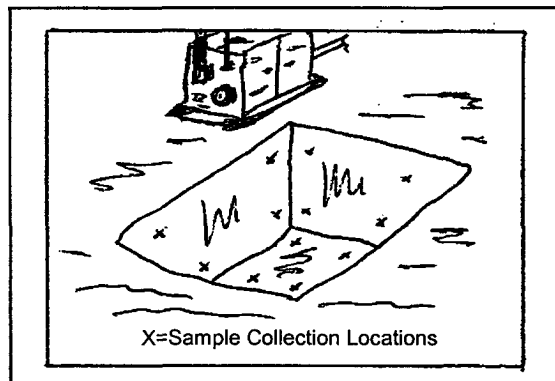
Well Name: SAN JUAN 27 5 UNIT #061A

Meter: 85271

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 20 Ft.

Width 20 Ft.

Depth 3 Ft.

Location of Pit Center

Latitude 36.60007

Longitude -107.37601

(NAD 1927)

Pit ID

852711

Pit Type

Glycol Dehydrator

Date Closure Started: 12/1/04

Date Closure Completed: 12/1/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 59

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	
095101DEC04	12/1/04	267	19.42	0	130	EX Confirm	Walls	4	See Risk Analysis
095901DEC04	12/1/04	128	89.5	0	270	EX Confirm	Flr	4	See Risk Analysis
124003JUL02	7/3/02		1220	0	12000	ASSESS		1	

Lab Project Number: 6060740

Client Project ID: N.M. PITS ASSESSMENTS

Solid results are reported on a dry weight basis

Lab Sample No: 605270024

Project Sample Number: 6060740-001

Date Collected: 07/03/02 12:40

Client Sample ID: 124003JUL02

Matrix: Soil

Date Received: 07/12/02 09:15

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	120	12.5	07/19/02 01:00	MIM			
Jet Fuel	ND	mg/kg	120	12.5	07/19/02 01:00	MIM			
Kerosene	ND	mg/kg	120	12.5	07/19/02 01:00	MIM			
Diesel Fuel	12000	mg/kg	120	12.5	07/19/02 01:00	MIM	68334-30-5	1	
Fuel Oil	ND	mg/kg	120	12.5	07/19/02 01:00	MIM	68334-30-5		
Motor Oil	ND	mg/kg	120	12.5	07/19/02 01:00	MIM			
n-Tetracosane (S)	0	%		1.0	07/19/02 01:00	MIM	646-31-1	2	
p-Terphenyl (S)	0	%		1.0	07/19/02 01:00	MIM	92-94-4		
Date Extracted					07/16/02				

Organics Prep

Percent Moisture	Method:					
Percent Moisture	21.2	%		1.0	07/16/02	MAM

GC Volatiles

Aromatic Volatile Organics		Prep/Method: EPA 5030 Medium Soil / EPA 8021						
Benzene	ND	ug/kg	5100	102	07/16/02 09:16		71-43-2	
Ethylbenzene	590000	ug/kg	5100	102	07/16/02 09:16		100-41-4	
Toluene	510000	ug/kg	5100	102	07/16/02 09:16		108-88-3	
Xylene (Total)	120000	ug/kg	13000	102	07/16/02 09:16		1330-20-7	
a,a,a-Trifluorotoluene (S)	1540	%		1.0	07/16/02 09:16		98-08-8	3

Comments : Elevated quantitation limits resulting from a dilution.

REPORT OF LABORATORY ANALYSIS

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

Lab Project Number: 6089836
Client Project ID: N.M. Pits

Lab Sample No: 607735123 Project Sample Number: 6089836-006 Date Collected: 12/01/04 09:59
Client Sample ID: 095901DRC04 Matrix: Soil Date Received: 12/10/04 09:50

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 12/14/04 16:02	RMN1			
Jet Fuel	ND	mg/kg	11.		1.1 12/14/04 16:02	RMN1			
Kerosene	ND	mg/kg	11.		1.1 12/14/04 16:02	RMN1			
Diesel Fuel	ND	mg/kg	11.		1.1 12/14/04 16:02	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 12/14/04 16:02	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 12/14/04 16:02	RMN1			
Total Petroleum Hydrocarbons	270	mg/kg	11.		1.1 12/14/04 16:02	RMN1		3	
n-Tetracosane (S)	129	%			1.0 12/14/04 16:02	RMN1	646-31-1		
p-Terphenyl (S)	113	%			1.0 12/14/04 16:02	RMN1	92-94-4		
Date Extracted	12/13/04				12/13/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 8.5 % 1.0 12/13/04 ALJ1

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	960		19.2 12/13/04 17:55		71-43-2		
Ethylbenzene	6500	ug/kg	960		19.2 12/13/04 17:55		100-41-4		
Toluene	19000	ug/kg	960		19.2 12/13/04 17:55		108-88-3		
Xylene (Total)	64000	ug/kg	2500		19.2 12/13/04 17:55		1330-20-7		
a,a,a-Trifluorotoluene (S)	115	%			1.0 12/13/04 17:55		98-08-8	4	

Date: 12/17/04

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

Lab Project Number: 6089836
Client Project ID: N.M. Pits

Lab Sample No: 607735115 Project Sample Number: 6089836-005 Date Collected: 12/01/04 09:51
Client Sample ID: 095101DEC04 Matrix: Soil Date Received: 12/10/04 09:50

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	12/14/04 15:45	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	12/14/04 15:45	RMN1			
Kerosene	ND	mg/kg	11.	1.1	12/14/04 15:45	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	12/14/04 15:45	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	12/14/04 15:45	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	12/14/04 15:45	RMN1			
Total Petroleum Hydrocarbons	130	mg/kg	11.	1.1	12/14/04 15:45	RMN1		3	
n-Tetracosane (S)	129	%		1.0	12/14/04 15:45	RMN1	646-31-1		
p-Terphenyl (S)	121	%		1.0	12/14/04 15:45	RMN1	92-94-4		
Date Extracted	12/13/04				12/13/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.8	%		1.0	12/13/04	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	230	4.5	12/14/04 10:35		71-43-2		
Ethylbenzene	720	ug/kg	230	4.5	12/14/04 10:35		100-41-4		
Toluene	2700	ug/kg	230	4.5	12/14/04 10:35		108-88-3		
Xylene (Total)	16000	ug/kg	590	4.5	12/14/04 10:35		1330-20-7		
a,a,a-Trifluorotoluene (S)	105	%		1.0	12/14/04 10:35		98-08-8		

Date: 12/17/04

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