

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 ☐

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 #045A API #: 30-039-23702 U/L or Qtr/Qtr C SEC 6 T 27N R 5W
County: RIO ARriba Latitude 36.60722 Longitude -107.40261 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 80 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):

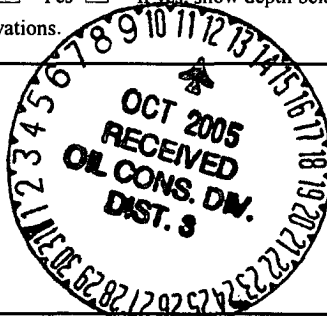
0

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:

Bedrock

Meter: 85889



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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title _____ Signature Wendy Faint

OCT 12 2005
Date: _____

ADDENDUM TO OCD FORM C-144

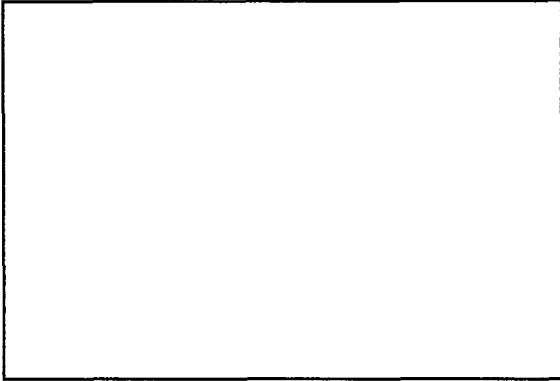
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-23702

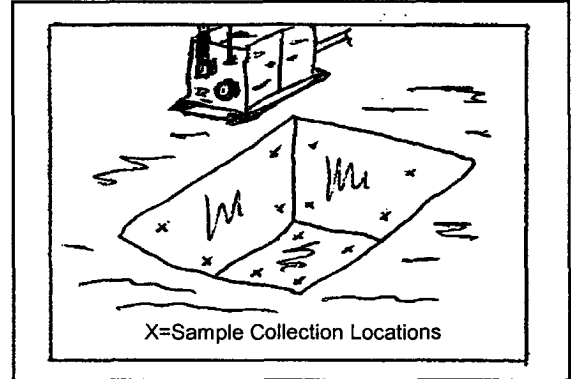
Well Name: SAN JUAN 27 5 UNIT #045A

Meter: 85889

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36.60688

Longitude -107.40258

(NAD 1927)

Pit ID

858891

Pit Type

Glycol Dehydrator

Date Closure Started: 11/29/04

Date Closure Completed: 11/29/04

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	
115429NOV04	11/29/04	7	0	0	67	EX Confirm	Walls	6	
120829NOV04	11/29/04	267	112.5	0	3500	EX Confirm	Flr	6	See Risk Analysis
123619MAY04	5/19/04		1089	66	9800	ASSESS	Flr	3.5	

Lab Project Number: 6082759
Client Project ID: N.M. Pit Program

Lab Sample No: 607131695 Project Sample Number: 6082759-003 Date Collected: 05/19/04 12:36
Client Sample ID: 123619MAY04 Matrix: Soil Date Received: 05/21/04 09:20

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	61.	6.1	05/27/04 13:07	DCKI			
Jet Fuel	ND	mg/kg	61.	6.1	05/27/04 13:07	DCKI			
Kerosene	ND	mg/kg	61.	6.1	05/27/04 13:07	DCKI			
Diesel Fuel	ND	mg/kg	61.	6.1	05/27/04 13:07	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	61.	6.1	05/27/04 13:07	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	61.	6.1	05/27/04 13:07	DCKI			
Total Petroleum Hydrocarbons	9800	mg/kg	61.	6.1	05/27/04 13:07	DCKI		7	
n-Tetracosane (S)	953	%		1.0	05/27/04 13:07	DCKI	646-31-1	8	
p-Terphenyl (S)	131	%		1.0	05/27/04 13:07	DCKI	92-94-4		
Date Extracted	05/25/04				05/25/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	19.9	%		1.0	05/25/04	DPB			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	66000	ug/kg	6200	125	05/26/04 13:30		71-43-2		
Ethylbenzene	43000	ug/kg	6200	125	05/26/04 13:30		100-41-4		
Toluene	480000	ug/kg	6200	125	05/26/04 13:30		108-88-3		
Xylene (Total)	500000	ug/kg	16000	125	05/26/04 13:30		1330-20-7		
a,a,a-Trifluorotoluene (S)	0	%		1.0	05/26/04 13:30		98-08-8	9	

REPORT OF LABORATORY ANALYSIS

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

Lab Sample No: 607735206
Client Sample ID: 120829NOV04

Project Sample Number: 6089836-014
Matrix: Soil

Date Collected: 11/29/04 12:08
Date Received: 12/10/04 09:50

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	12/14/04 18:55	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	12/14/04 18:55	RMN1			
Kerosene	ND	mg/kg	11.	1.1	12/14/04 18:55	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	12/14/04 18:55	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	12/14/04 18:55	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	12/14/04 18:55	RMN1			
Total Petroleum Hydrocarbons	3500	mg/kg	11.	1.1	12/14/04 18:55	RMN1		3	
n-Tetracosane (S)	411	%		1.0	12/14/04 18:55	RMN1	646-31-1	8	
p-Terphenyl (S)	96	%		1.0	12/14/04 18:55	RMN1	92-94-4		
Date Extracted	12/13/04				12/13/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.7	%		1.0	12/13/04	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	560	11.2	12/14/04 10:07		71-43-2		
Ethylbenzene	5500	ug/kg	560	11.2	12/14/04 10:07		100-41-4		
Toluene	35000	ug/kg	560	11.2	12/14/04 10:07		108-88-3		
Xylene (Total)	72000	ug/kg	1500	11.2	12/14/04 10:07		1330-20-7		
a,a,a-Trifluorotoluene (S)	119	%		1.0	12/14/04 10:07		98-08-8	4,9	

REPORT OF LABORATORY ANALYSIS

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

Lab Sample No: 607735198 Project Sample Number: 6089836-013 Date Collected: 11/29/04 11:54
Client Sample ID: 115429NOV04 Matrix: Soil Date Received: 12/10/04 09:50

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	12/15/04 15:27	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	12/15/04 15:27	RMN1			
Kerosene	ND	mg/kg	11.	1.1	12/15/04 15:27	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	12/15/04 15:27	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	12/15/04 15:27	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	12/15/04 15:27	RMN1			
Total Petroleum Hydrocarbons	67.	mg/kg	11.	1.1	12/15/04 15:27	RMN1		7	
n-Tetracosane (S)	112	%		1.0	12/15/04 15:27	RMN1	646-31-1		
p-Terphenyl (S)	126	%		1.0	12/15/04 15:27	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	56.	1.1	12/13/04 16:03		71-43-2		
Ethylbenzene	ND	ug/kg	56.	1.1	12/13/04 16:03		100-41-4		
Toluene	ND	ug/kg	56.	1.1	12/13/04 16:03		108-88-3		
Xylene (Total)	ND	ug/kg	150	1.1	12/13/04 16:03		1330-20-7		
a,a,a-Trifluorotoluene (S)	100	%		1.0	12/13/04 16:03		98-08-8		

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