

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)

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 #189 API #: 30-039-20868 U/L or Qtr/Qtr B SEC 32 T 27N R 5W
County: RIO ARRIBA Latitude 36.53548 Longitude -107.37927 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)

10

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

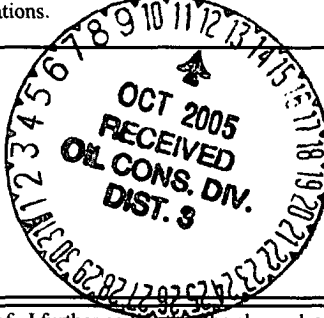
Ranking Score (TOTAL POINTS):

10

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 your 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: 86787

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: 9/28/05

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. 3

Printed Name/Title _____ Signature Denny Faut

Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

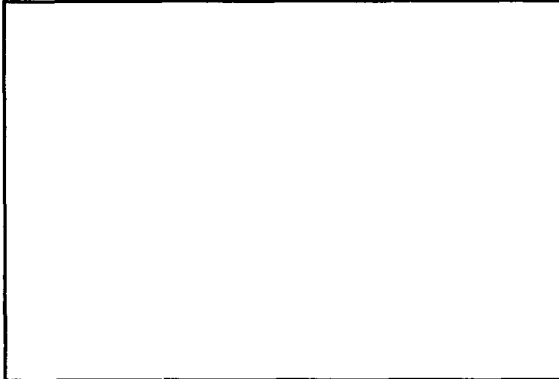
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-20868

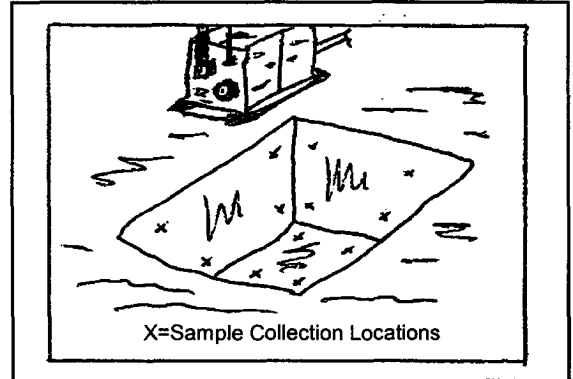
Well Name: SAN JUAN 27 5 UNIT #189

Meter: 86787

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36.53535

Longitude -107.37937

(NAD 1927)

Pit ID

867871

Pit Type

Other

Date Closure Started: 12/1/04

Date Closure Completed: 12/1/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 33

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	
144901DEC04	12/1/04	302	22.03	0.29	4000	EX Confirm	Walls	4	See Risk Analysis
145501DEC04	12/1/04	340	896	27	1300	EX Confirm	Flr	4	See Risk Analysis
152519MAY04	5/19/04		1358	67	2500	ASSESS	Flr	2.5	

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

Lab Sample No: 607735156 Project Sample Number: 6089836-009 Date Collected: 12/01/04 14:49
Client Sample ID: 144901DEC04 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	12.	1.2	12/14/04 16:54	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	12/14/04 16:54	RMN1			
Kerosene	4000	mg/kg	12.	1.2	12/14/04 16:54	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	12/14/04 16:54	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	12/14/04 16:54	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	12/14/04 16:54	RMN1			
n-Tetracosane (S)	110	%		1.0	12/14/04 16:54	RMN1	646-31-1		
p-Terphenyl (S)	105	%		1.0	12/14/04 16:54	RMN1	92-94-4		
Date Extracted	12/13/04				12/13/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 13.8 % 1.0 12/13/04 ALJ1

GC Volatiles

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

Benzene	290	ug/kg	120	2.3	12/13/04 20:13		71-43-2		
Ethylbenzene	240	ug/kg	120	2.3	12/13/04 20:13		100-41-4		
Toluene	5500	ug/kg	120	2.3	12/13/04 20:13		108-88-3		
Xylene (Total)	16000	ug/kg	300	2.3	12/13/04 20:13		1330-20-7		
a,a,a-Trifluorotoluene (S)	100	%		1.0	12/13/04 20:13		98-08-8		

REPORT OF LABORATORY ANALYSIS

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

Lab Sample No: 607735164
Client Sample ID: 145501DEC04

Project Sample Number: 6089836-010
Matrix: Soil

Date Collected: 12/01/04 14:55
Date Received: 12/10/04 09:50

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	12/14/04 17:11	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	12/14/04 17:11	RMN1			
Kerosene	ND	mg/kg	11.	1.1	12/14/04 17:11	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	12/14/04 17:11	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	12/14/04 17:11	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	12/14/04 17:11	RMN1			
Total Petroleum Hydrocarbons	1300	mg/kg	11.	1.1	12/14/04 17:11	RMN1		1	
n-Tetracosane (S)	91	%		1.0	12/14/04 17:11	RMN1	646-31-1		
p-Terphenyl (S)	97	%		1.0	12/14/04 17:11	RMN1	92-94-4		
Date Extracted	12/13/04				12/13/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	8.7	%		1.0	12/13/04	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	27000	ug/kg	9400	189	12/14/04 11:55		71-43-2		
Ethylbenzene	19000	ug/kg	9400	189	12/14/04 11:55		100-41-4		
Toluene	390000	ug/kg	9400	189	12/14/04 11:55		108-88-3		
Xylene (Total)	460000	ug/kg	25000	189	12/14/04 11:55		1330-20-7		
a,a,a-Trifluorotoluene (S)	101	%		1.0	12/14/04 11:55		98-08-8		

REPORT OF LABORATORY ANALYSIS

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

Lab Sample No: 607131711
Client Sample ID: 152519MAY04

Project Sample Number: 6082759-005
Matrix: Soil

Date Collected: 05/19/04 15:25
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	24.	2.4	05/27/04 19:14	DCKI			
Jet Fuel	ND	mg/kg	24.	2.4	05/27/04 19:14	DCKI			
Kerosene	ND	mg/kg	24.	2.4	05/27/04 19:14	DCKI			
Diesel Fuel	ND	mg/kg	24.	2.4	05/27/04 19:14	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	24.	2.4	05/27/04 19:14	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	24.	2.4	05/27/04 19:14	DCKI			
Total Petroleum Hydrocarbons	2500	mg/kg	24.	2.4	05/27/04 19:14	DCKI		10	
n-Tetracosane (S)	67	%		1.0	05/27/04 19:14	DCKI	646-31-1		
p-Terphenyl (S)	102	%		1.0	05/27/04 19:14	DCKI	92-94-4		
Date Extracted	05/25/04				05/25/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.4	%		1.0	05/25/04	DPB			

GC Volatiles

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

Benzene	67000	ug/kg	5900	118	05/26/04 16:21		71-43-2		
Ethylbenzene	21000	ug/kg	5900	118	05/26/04 16:21		100-41-4		
Toluene	590000	ug/kg	5900	118	05/26/04 16:21		108-88-3		
Xylene (Total)	680000	ug/kg	15000	118	05/26/04 16:21		1330-20-7		
a,a,a-Trifluorotoluene (S)	101	%		1.0	05/26/04 16:21		98-08-8		

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