

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 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 #028 API #: 30-039-06859 U/L or Qtr/Qtr M SEC 25 T 27N R 5W
County: RIO ARRIBA Latitude 36.53912 Longitude -107.3158 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
(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)

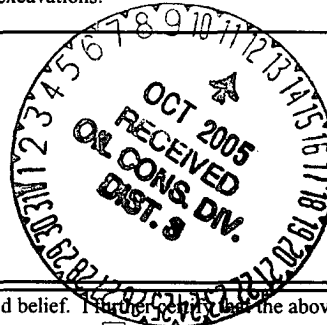
Ranking Score (TOTAL POINTS):

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: 86322



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: 9/27/05

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 DEPUTY OIL & GAS INSPECTOR, DIST. 8

Signature Denny Ford

OCT 12 2005
Date: _____

ADDENDUM TO OCD FORM C-144

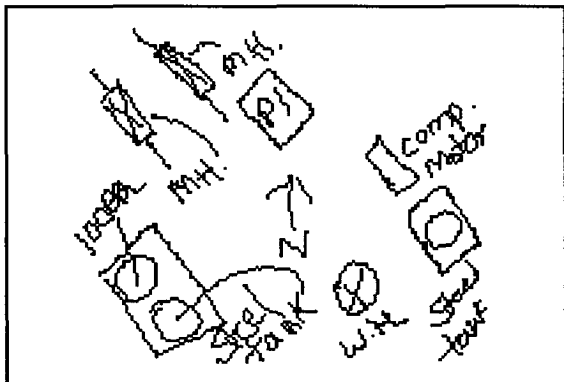
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-06859

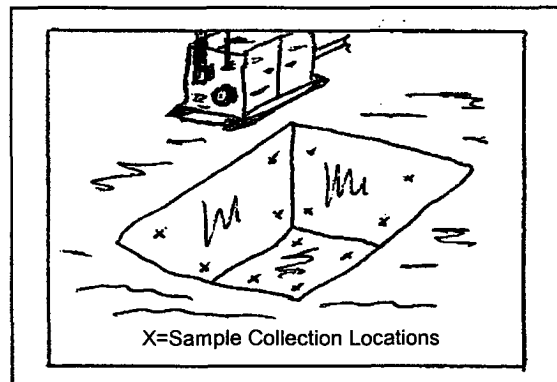
Well Name: SAN JUAN 27 5 UNIT #028

Meter: 86322

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 3 Ft.

Location of Pit Center

Latitude 36.53945

Longitude -107.31597

(NAD 1927)

Pit ID

863221

Pit Type

Glycol Dehydrator

Date Closure Started: 4/30/03

Date Closure Completed: 4/30/03

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 89

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
105424JUL02	7/24/02		789	69	1000	ASSESS		3
111330APR03	4/30/03	1095	99.9	0	490	EX Confirm	Fir	10
111630APR03	4/30/03	71			0	EX Confirm	Walls	10

See Risk Analysis

Lab Project Number: 6061217

Client Project ID: N.M. PIT ASSESSMENTS

Lab Sample No: 605310614
Client Sample ID: 105424JUL02

Project Sample Number: 6061217-009
Matrix: Soil

Date Collected: 07/24/02 10:54
Date Received: 07/26/02 09:30

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	12.		1.2 08/05/02 18:30	MIM			
Jet Fuel	ND	mg/kg	12.		1.2 08/05/02 18:30	MIM			
Kerosene	ND	mg/kg	12.		1.2 08/05/02 18:30	MIM			
Diesel Fuel	1000	mg/kg	12.		1.2 08/05/02 18:30	MIM	68334-30-5	9	
Fuel Oil	ND	mg/kg	12.		1.2 08/05/02 18:30	MIM	68334-30-5		
Motor Oil	ND	mg/kg	12.		1.2 08/05/02 18:30	MIM			
n-Tetracosane (S)	107	%			1.0 08/05/02 18:30	MIM	646-31-1		
p-Terphenyl (S)	71	%			1.0 08/05/02 18:30	MIM	92-94-4		
Date Extracted					08/01/02				

Organics Prep

Percent Moisture	Method:								
Percent Moisture	15.2	%			1.0 07/31/02	MAM			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	69000	ug/kg	5300		105 07/31/02 10:22		71-43-2		
Ethylbenzene	ND	ug/kg	5300		105 07/31/02 10:22		100-41-4		
Toluene	220000	ug/kg	5300		105 07/31/02 10:22		108-88-3		
Xylene (Total)	500000	ug/kg	13000		105 07/31/02 10:22		1330-20-7		
a,a,a-Trifluorotoluene (S)	0	%			1.0 07/31/02 10:22		98-08-8	3,10	

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6070179
Client Project ID: NM PIT PROGRAM

Lab Sample No: 606046753
Client Sample ID: 111630APR03

Project Sample Number: 6070179-008
Matrix: Soil

Date Collected: 04/30/03 11:16
Date Received: 05/06/03 09:00

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 05/08/03 08:30	MIM			
Jet Fuel	ND	mg/kg	11.		1.1 05/08/03 08:30	MIM			
Kerosene	ND	mg/kg	11.		1.1 05/08/03 08:30	MIM			
Diesel Fuel	ND	mg/kg	11.		1.1 05/08/03 08:30	MIM	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 05/08/03 08:30	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 05/08/03 08:30	MIM			
n-Tetracosane (S)	74	%			1.0 05/08/03 08:30	MIM	646-31-1		
p-Terphenyl (S)	91	%			1.0 05/08/03 08:30	MIM	92-94-4		
Date Extracted	05/07/03				05/07/03				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.6	%			1.0 05/08/03	MAM			

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Lab Project Number: 6070179

Client Project ID: NM PIT PROGRAM

Lab Sample No: 606046696
Client Sample ID: 111330APR03

Project Sample Number: 6070179-002
Matrix: Soil

Date Collected: 04/30/03 11:13
Date Received: 05/06/03 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 05/08/03 04:17	MIM			
Jet Fuel	ND	mg/kg	11.		1.1 05/08/03 04:17	MIM			
Kerosene	ND	mg/kg	11.		1.1 05/08/03 04:17	MIM			
Diesel Fuel	ND	mg/kg	11.		1.1 05/08/03 04:17	MIM	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 05/08/03 04:17	MIM	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 05/08/03 04:17	MIM			
Total Petroleum Hydrocarbons	490	mg/kg	11.		1.1 05/08/03 04:17	MIM		4	
n-Tetracosane (S)	104	%			1.0 05/08/03 04:17	MIM	646-31-1		
p-Terphenyl (S)	80	%			1.0 05/08/03 04:17	MIM	92-94-4		
Date Extracted	05/07/03				05/07/03				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	8.7	%			1.0 05/08/03	MAM			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	530		10.6 05/09/03 00:02	SDS	71-43-2		
Ethylbenzene	6900	ug/kg	530		10.6 05/09/03 00:02	SDS	100-41-4		
Toluene	13000	ug/kg	530		10.6 05/09/03 00:02	SDS	108-88-3		
Xylene (Total)	80000	ug/kg	1300		10.6 05/09/03 00:02	SDS	1330-20-7		
a,a,a-Trifluorotoluene (S)	75	%			1.0 05/09/03 00:02	SDS	98-08-8		

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