

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 28 5 UNIT #038 API #: 30-039-07229 U/L or Qtr/Qtr M SEC 32 T 28N R 5W
County: RIO ARRIBA Latitude 36.61325 Longitude -107.38815 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 115 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

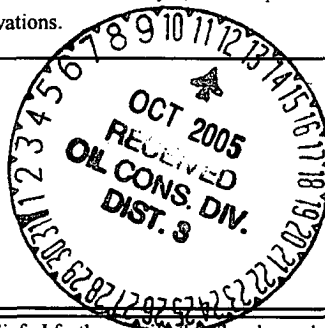
Ranking Score (TOTAL POINTS):

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:

Meter: 72432



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. 9

Signature Denny Ford

Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

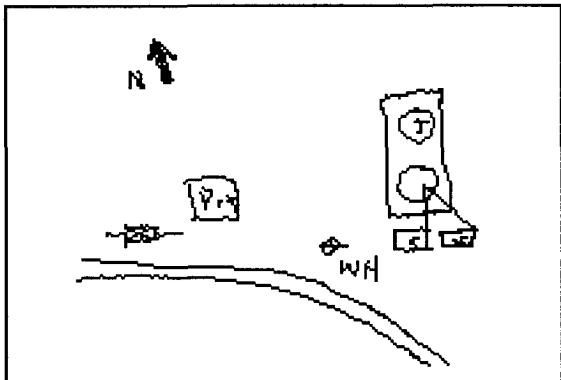
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-07229

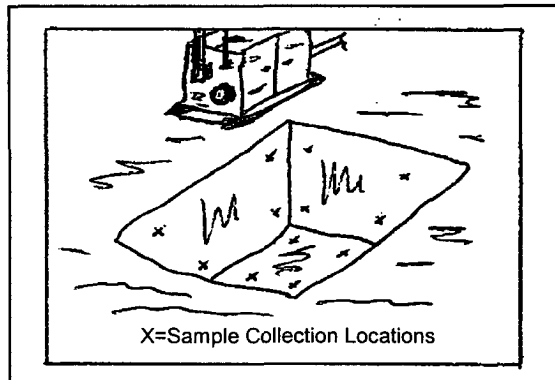
Well Name: SAN JUAN 28 5 UNIT #038

Meter: 72432

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 18 Ft.

Width 18 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36.61313

Longitude -107.38817

(NAD 1927)

Pit ID

724321

Pit Type

Unknown

Date Closure Started: 8/5/04

Date Closure Completed: 8/5/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 144

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.

Vertical extent of excavation limited by equipment

Pit Closure Sampling:

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth
141616JUN04	6/16/04		53.2	1.7	730	ASSESS	Flr	3.5
144505AUG04	8/5/04		36.9	0	350	EX Confirm	Walls	9
145105AUG04	8/5/04		42.5	0.2	160	EX Confirm	Flr	12

Lab Project Number: 6083735
Client Project ID: NM PITS

Lab Sample No: 607217890
Client Sample ID: 141616JUN04

Project Sample Number: 6083735-009
Matrix: Soil

Date Collected: 06/16/04 14:16
Date Received: 06/18/04 10:25

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.	1.1	06/30/04 09:31	DKI			
Jet Fuel	ND	mg/kg	12.	1.1	06/30/04 09:31	DKI			
Kerosene	ND	mg/kg	12.	1.1	06/30/04 09:31	DKI			
Diesel Fuel	ND	mg/kg	12.	1.1	06/30/04 09:31	DKI	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.1	06/30/04 09:31	DKI	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.1	06/30/04 09:31	DKI			
Total Petroleum Hydrocarbons	730	mg/kg	12.	1.1	06/30/04 09:31	DKI		8	
n-Tetracosane (S)	104	%		1.0	06/30/04 09:31	DKI	646-31-1		
p-Terphenyl (S)	109	%		1.0	06/30/04 09:31	DKI	92-94-4		
Date Extracted	06/22/04				06/22/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	14.6	%		1.0	06/21/04	DPB			

GC Volatiles

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

Benzene	1700	ug/kg	590	11.7	06/22/04 14:17	ARF	71-43-2		
Ethylbenzene	3500	ug/kg	590	11.7	06/22/04 14:17	ARF	100-41-4		
Toluene	ND	ug/kg	590	11.7	06/22/04 14:17	ARF	108-88-3		
Xylene (Total)	48000	ug/kg	1500	11.7	06/22/04 14:17	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	96	%		1.0	06/22/04 14:17	ARF	98-08-8		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6085700
Client Project ID: N.M. Pits

Lab Sample No: 607379534 Project Sample Number: 6085700-008 Date Collected: 08/04/04 14:51
Client Sample ID: 145105AUG04 Matrix: Soil Date Received: 08/12/04 08:50

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	08/13/04 22:06	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	08/13/04 22:06	RMN1			
Kerosene	ND	mg/kg	11.	1.1	08/13/04 22:06	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	08/13/04 22:06	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	08/13/04 22:06	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	08/13/04 22:06	RMN1			
Total Petroleum Hydrocarbons	160	mg/kg	11.	1.1	08/13/04 22:06	RMN1		4	
n-Tetracosane (S)	99	%		1.0	08/13/04 22:06	RMN1	646-31-1		
p-Terphenyl (S)	109	%		1.0	08/13/04 22:06	RMN1	92-94-4		
Date Extracted	08/13/04				08/13/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	13.2	%		1.0	08/13/04	DPB			

GC Volatiles

TPH Gas/BTEX Prep/Method: TPH GRO/BTEX / EPA 8021/OA1

Benzene	200	ug/kg	110	2.3	08/13/04 17:17	ARF	71-43-2		
Toluene	10000	ug/kg	110	2.3	08/13/04 17:17	ARF	108-88-3		
Ethylbenzene	2300	ug/kg	110	2.3	08/13/04 17:17	ARF	100-41-4		
Xylene (Total)	30000	ug/kg	300	2.3	08/13/04 17:17	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	87	%		1.0	08/13/04 17:17	ARF	98-08-8		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6085700
Client Project ID: N.M. Pits

Lab Sample No: 607379526 Project Sample Number: 6085700-007 Date Collected: 08/04/04 14:45
Client Sample ID: 144505AUG04 Matrix: Soil Date Received: 08/12/04 08:50

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	08/13/04 21:49	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	08/13/04 21:49	RMN1			
Kerosene	ND	mg/kg	11.	1.1	08/13/04 21:49	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	08/13/04 21:49	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	08/13/04 21:49	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	08/13/04 21:49	RMN1			
Total Petroleum Hydrocarbons	350	mg/kg	11.	1.1	08/13/04 21:49	RMN1		4	
n-Tetracosane (S)	101	%		1.0	08/13/04 21:49	RMN1	646-31-1		
p-Terphenyl (S)	107	%		1.0	08/13/04 21:49	RMN1	92-94-4		
Date Extracted	08/13/04				08/13/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.2	%		1.0	08/13/04	DPB			

GC Volatiles

TPH Gas/BTEX

Prep/Method: TPH GRO/BTEX / EPA 8021/OA1

Benzene	ND	ug/kg	230	4.5	08/17/04 09:37	ARF	71-43-2		
Toluene	3900	ug/kg	230	4.5	08/17/04 09:37	ARF	108-88-3		
Ethylbenzene	ND	ug/kg	230	4.5	08/17/04 09:37	ARF	100-41-4		
Xylene (Total)	33000	ug/kg	590	4.5	08/17/04 09:37	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	87	%		1.0	08/17/04 09:37	ARF	98-08-8		

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