

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 6 UNIT #049A API #: 30-039-21871 U/L or Qtr/Qtr D SEC 16 T 28N R 6W
County: RIO ARRIBA Latitude 36.66623 Longitude -107.47842 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 60 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)

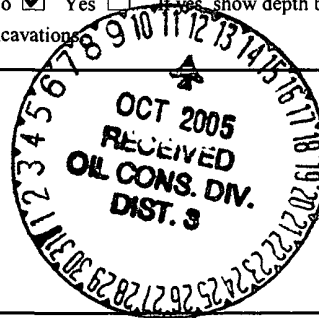
Ranking Score (TOTAL POINTS):

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: 85197



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 Denny F...

Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

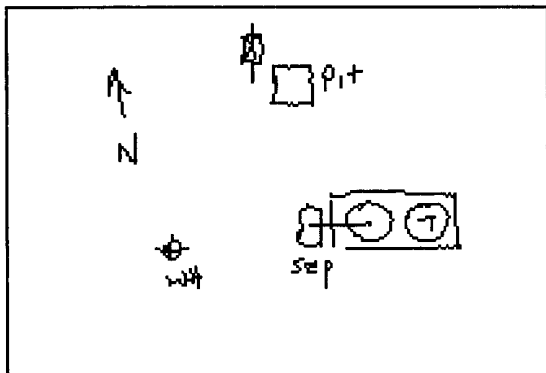
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-21871

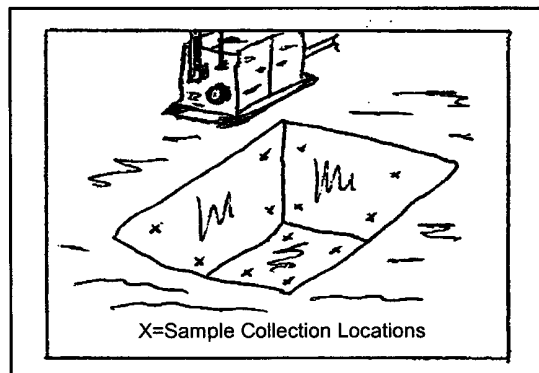
Well Name: SAN JUAN 28 6 UNIT #049A

Meter: 85197

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 1.5 Ft.

Location of Pit Center

Latitude 36.6664

Longitude -107.47832

(NAD 1927)

Pit ID

851971

Pit Type

Unknown

Date Closure Started: 7/22/04

Date Closure Completed: 7/22/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 38

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
152022JUL04	7/22/04		12.99	0	350	EX Confirm	Flr	4
152522JUL04	7/22/04		14.22	0	130	EX Confirm	Walls	4
203421JUL04	7/21/04		522	12	5000	ASSESS	Flr	2.5

Lab Project Number: 6084968
Client Project ID: N.M. Pitts

Lab Sample No: 607318516
Client Sample ID: 203421JUL04

Project Sample Number: 6084968-023
Matrix: Soil
Date Collected: 07/21/04 20:34
Date Received: 07/23/04 09:10

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	25.	2.5	07/28/04 13:25	RMN1			
Jet Fuel	ND	mg/kg	25.	2.5	07/28/04 13:25	RMN1			
Kerosene	ND	mg/kg	25.	2.5	07/28/04 13:25	RMN1			
Diesel Fuel	ND	mg/kg	25.	2.5	07/28/04 13:25	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	25.	2.5	07/28/04 13:25	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	25.	2.5	07/28/04 13:25	RMN1			
Total Petroleum Hydrocarbons	5000	mg/kg	25.	2.5	07/28/04 13:25	RMN1		17	
n-Tetracosane (S)	554	%		1.0	07/28/04 13:25	RMN1	646-31-1	8	
p-Terphenyl (S)	107	%		1.0	07/28/04 13:25	RMN1	92-94-4		
Date Extracted	07/27/04				07/27/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 19.7 % 1.0 07/27/04 DPB

GC Volatiles

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

Benzene	12000	ug/kg	2700	53.7	07/28/04 22:39	71-43-2
Ethylbenzene	20000	ug/kg	2700	53.7	07/28/04 22:39	100-41-4
Toluene	160000	ug/kg	2700	53.7	07/28/04 22:39	108-88-3
Xylene (Total)	330000	ug/kg	6800	53.7	07/28/04 22:39	1330-20-7
a,a,a-Trifluorotoluene (S)	107	%		1.0	07/28/04 22:39	98-08-8

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6085394
Client Project ID: NM PITS 8/4

Lab Sample No: 607356854 Project Sample Number: 6085394-006 Date Collected: 07/22/04 15:25
Client Sample ID: 152522JUL04 Matrix: Soil Date Received: 08/04/04 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	12.	1.1	08/06/04 17:16	RMN1			
Jet Fuel	ND	mg/kg	12.	1.1	08/06/04 17:16	RMN1			
Kerosene	ND	mg/kg	12.	1.1	08/06/04 17:16	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.1	08/06/04 17:16	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.1	08/06/04 17:16	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.1	08/06/04 17:16	RMN1			
Total Petroleum Hydrocarbons	130	mg/kg	12.	1.1	08/06/04 17:16	RMN1		1	
n-Tetracosane (S)	128	%		1.0	08/06/04 17:16	RMN1	646-31-1		
p-Terphenyl (S)	134	%		1.0	08/06/04 17:16	RMN1	92-94-4		
Date Extracted	08/05/04				08/05/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	13.1	%		1.0	08/05/04	DPB			

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	ND	ug/kg	260	5.2	08/05/04 17:44	ARF	71-43-2		
Ethylbenzene	720	ug/kg	260	5.2	08/05/04 17:44	ARF	100-41-4		
Toluene	2500	ug/kg	260	5.2	08/05/04 17:44	ARF	108-88-3		
Xylene (Total)	11000	ug/kg	680	5.2	08/05/04 17:44	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	91	%		1.0	08/05/04 17:44	ARF	98-08-8		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6085394
Client Project ID: NM PITS 8/4

Lab Sample No: 607356847 Project Sample Number: 6085394-005 Date Collected: 07/22/04 15:20
Client Sample ID: 152022JUL04 Matrix: Soil Date Received: 08/04/04 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 08/06/04 16:59 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 08/06/04 16:59 RMN1				
Kerosene	ND	mg/kg	11.		1.1 08/06/04 16:59 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 08/06/04 16:59 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 08/06/04 16:59 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 08/06/04 16:59 RMN1				
Total Petroleum Hydrocarbons	350	mg/kg	11.		1.1 08/06/04 16:59 RMN1			1	
n-Tetracosane (S)	125	%			1.0 08/06/04 16:59 RMN1		646-31-1		
p-Terphenyl (S)	97	%			1.0 08/06/04 16:59 RMN1		92-94-4		
Date Extracted	08/05/04				08/05/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 12.3 % 1.0 08/05/04 DPB

GC Volatiles

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

Benzene	ND	ug/kg	110		2.2 08/06/04 14:26 ARF		71-43-2		
Ethylbenzene	390	ug/kg	110		2.2 08/06/04 14:26 ARF		100-41-4		
Toluene	1600	ug/kg	110		2.2 08/06/04 14:26 ARF		108-88-3		
Xylene (Total)	11000	ug/kg	290		2.2 08/06/04 14:26 ARF		1330-20-7		
a,a,a-Trifluorotoluene (S)	93	%			1.0 08/06/04 14:26 ARF		98-08-8	4	

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