

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)

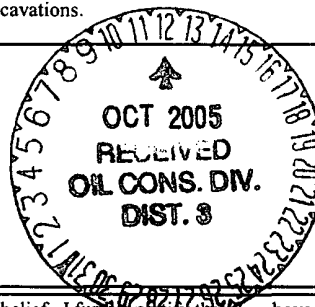
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>BURLINGTON RESOURCES OIL & GAS CO</u> Telephone: _____ e-mail address: _____	
Address: <u>801 CHERRY ST FORT WORTH, TX 76102</u>	
Facility or well name: <u>SAN JUAN 27 4 UNIT #028</u>	API #: <u>30-039-07109</u> U/L or Qtr/Qtr <u>M</u> SEC <u>11</u> T <u>27N</u> R <u>4W</u>
County: <u>RIO ARRIBA</u>	Latitude <u>36</u> Longitude <u>-107</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner Type: Synthetic <input checked="" type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>80</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction Material: _____ Double-walled, with leak detection? Yes <input checked="" type="checkbox"/> 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 (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points) <u>0</u>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points) <u>0</u>
Distance to surface water: (Horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points) <u>0</u>
Ranking Score (TOTAL POINTS): <u>0</u>	

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: 73283



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 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. #3

Signature Denny Fount

Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

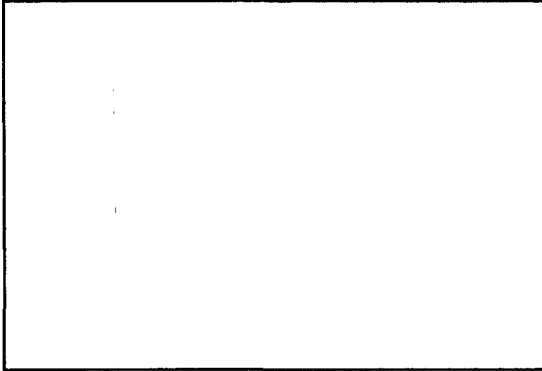
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-07109

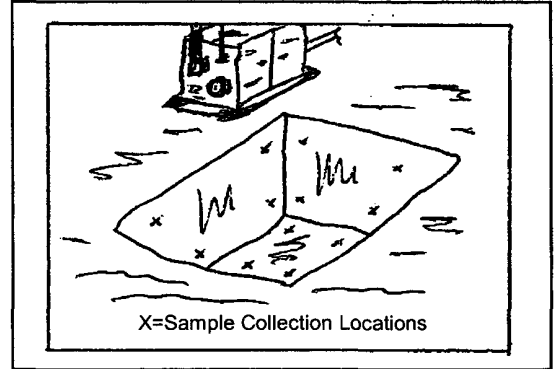
Well Name: SAN JUAN 27 4 UNIT #028

Meter: 73283

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.
Width 15 Ft.
Depth 2 Ft.

Location of Pit Center

Latitude 36
Longitude -107
(NAD 1927)

Pit ID

732831

Pit Type

Other

Date Closure Started: 7/30/04

Date Closure Completed: 7/30/04

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
154830JUL04	7/30/04		1.169	0	76	EX Confirm	Walls	4
160230JUL04	7/30/04		1.379	0	32	EX Confirm	Flr	4
182922MAY04	5/22/04		2730	130	1300	ASSESS	Flr	3.5

Lab Project Number: 6082900
Client Project ID: NM PITS

Lab Sample No: 607145729 Project Sample Number: 6082900-015 Date Collected: 05/22/04 18:29
Client Sample ID: 182922MAY04 Matrix: Soil Date Received: 05/26/04 09:25

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.	1.2	06/01/04 20:16	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	06/01/04 20:16	RMN1			
Kerosene	ND	mg/kg	12.	1.2	06/01/04 20:16	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	06/01/04 20:16	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	06/01/04 20:16	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	06/01/04 20:16	RMN1			
Total Petroleum Hydrocarbons	1300	mg/kg	12.	1.2	06/01/04 20:16	RMN1		12	
n-Tetracosane (S)	137	%		1.0	06/01/04 20:16	RMN1	646-31-1		
p-Terphenyl (S)	119	%		1.0	06/01/04 20:16	RMN1	92-94-4		
Date Extracted	06/01/04				06/01/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 18.9 % 1.0 05/27/04 DPB

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	130000	ug/kg	15000	308	05/28/04 23:59	ARF	71-43-2		
Ethylbenzene	100000	ug/kg	15000	308	05/28/04 23:59	ARF	100-41-4		
Toluene	1200000	ug/kg	15000	308	05/28/04 23:59	ARF	108-88-3		
Xylene (Total)	1300000	ug/kg	39000	308	05/28/04 23:59	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	0	%		1.0	05/28/04 23:59	ARF	98-08-8	2	

Date: 06/11/04

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REPORT OF LABORATORY ANALYSIS

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

Lab Sample No: 607356995 Project Sample Number: 6085394-020 Date Collected: 07/30/04 16:02
Client Sample ID: 160230JUL04 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	08/10/04 13:41	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	08/10/04 13:41	RMN1			
Kerosene	ND	mg/kg	11.	1.1	08/10/04 13:41	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	08/10/04 13:41	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	08/10/04 13:41	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	08/10/04 13:41	RMN1			
Total Petroleum Hydrocarbons	32.	mg/kg	11.	1.1	08/10/04 13:41	RMN1		7	
n-Tetracosane (S)	105	%		1.0	08/10/04 13:41	RMN1	646-31-1		
p-Terphenyl (S)	113	%		1.0	08/10/04 13:41	RMN1	92-94-4		
Date Extracted	08/09/04				08/09/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 12.3 % 1.0 08/09/04 DPB

GC Volatiles

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

Benzene	ND	ug/kg	57.	1.1	08/10/04 11:33	ARF	71-43-2
Ethylbenzene	79.	ug/kg	57.	1.1	08/10/04 11:33	ARF	100-41-4
Toluene	ND	ug/kg	57.	1.1	08/10/04 11:33	ARF	108-88-3
Xylene (Total)	1300	ug/kg	150	1.1	08/10/04 11:33	ARF	1330-20-7
a,a,a-Trifluorotoluene (S)	92	%		1.0	08/10/04 11:33	ARF	98-08-8

Date: 08/18/04

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

Lab Sample No: 607356987 Project Sample Number: 6085394-019 Date Collected: 07/30/04 15:48
Client Sample ID: 154830JUL04 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	08/10/04 13:23	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	08/10/04 13:23	RMN1			
Kerosene	ND	mg/kg	11.	1.1	08/10/04 13:23	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	08/10/04 13:23	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	08/10/04 13:23	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	08/10/04 13:23	RMN1			
Total Petroleum Hydrocarbons	76.	mg/kg	11.	1.1	08/10/04 13:23	RMN1		7	
n-Tetracosane (S)	107	%		1.0	08/10/04 13:23	RMN1	646-31-1		
p-Terphenyl (S)	112	%		1.0	08/10/04 13:23	RMN1	92-94-4		
Date Extracted	08/09/04				08/09/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 8.9 % 1.0 08/09/04 DPB

GC Volatiles

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

Benzene	ND	ug/kg	55.	1.1	08/09/04 20:33	ARF	71-43-2
Ethylbenzene	69.	ug/kg	55.	1.1	08/09/04 20:33	ARF	100-41-4
Toluene	ND	ug/kg	55.	1.1	08/09/04 20:33	ARF	108-88-3
Xylene (Total)	1100	ug/kg	140	1.1	08/09/04 20:33	ARF	1330-20-7
a,a,a-Trifluorotoluene (S)	89	%		1.0	08/09/04 20:33	ARF	98-08-8

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