

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 27 4 UNIT #150 API #: 30-039-23005 U/L or Qtr/Qtr L SEC 36 T 27N R 4W
County: RIO ARRIBA Latitude 36.52754 Longitude -107.20808 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 38 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

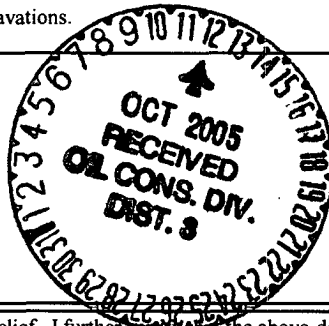
Ranking Score (TOTAL POINTS):

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 _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

Meter: 85673



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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title _____ Signature _____

OCT 12 2005

Date: _____

ADDENDUM TO OCD FORM C-144

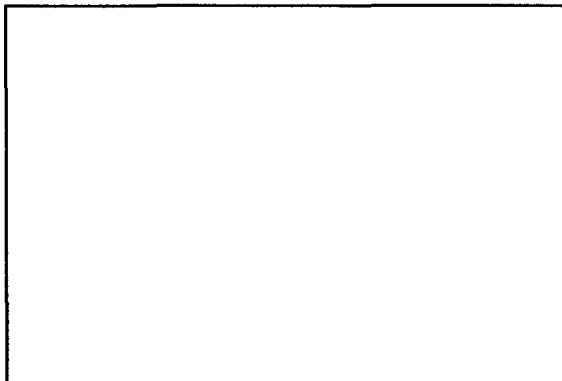
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-23005

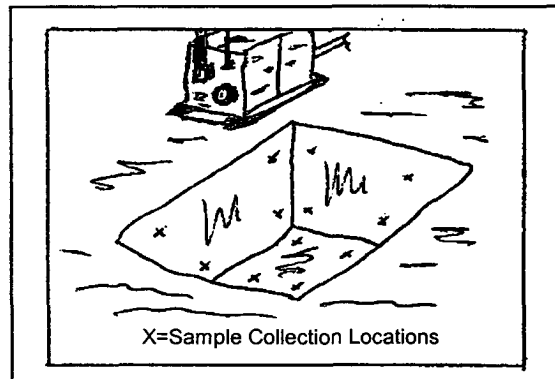
Well Name: SAN JUAN 27 4 UNIT #150

Meter: 85673

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.

Width 12 Ft.

Depth 1.5 Ft.

Location of Pit Center

Latitude 36.5274

Longitude -107.20779

(NAD 1927)

Pit ID

856731

Pit Type

Other

Date Closure Started: 7/29/04

Date Closure Completed: 7/29/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 114

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
115529JUL04	7/29/04		0.17	0	70	EX Confirm	Walls	9
120529JUL04	7/29/04		18.93	0	68	EX Confirm	Flr	12
194219MAY04	5/19/04		2169	200	1200	ASSESS	Flr	3.5

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

Lab Sample No: 607131752 Project Sample Number: 6082759-009 Date Collected: 05/19/04 19:42
Client Sample ID: 194219MAY04 Matrix: Soil 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	05/28/04 02:29	DCKI			
Jet Fuel	ND	mg/kg	24.	2.4	05/28/04 02:29	DCKI			
Kerosene	ND	mg/kg	24.	2.4	05/28/04 02:29	DCKI			
Diesel Fuel	ND	mg/kg	24.	2.4	05/28/04 02:29	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	24.	2.4	05/28/04 02:29	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	24.	2.4	05/28/04 02:29	DCKI			
Total Petroleum Hydrocarbons	1200	mg/kg	24.	2.4	05/28/04 02:29	DCKI		7	
n-Tetracosane (S)	86	%		1.0	05/28/04 02:29	DCKI	646-31-1		
p-Terphenyl (S)	101	%		1.0	05/28/04 02:29	DCKI	92-94-4		
Date Extracted	05/25/04				05/25/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	16.1	%		1.0	05/25/04	DPB			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	200000	ug/kg	15000	298	05/26/04 17:19		71-43-2		
Ethylbenzene	59000	ug/kg	15000	298	05/26/04 17:19		100-41-4		
Toluene	1000000	ug/kg	15000	298	05/26/04 17:19		108-88-3		
Xylene (Total)	910000	ug/kg	38000	298	05/26/04 17:19		1330-20-7		
a,a,a-Trifluorotoluene (S)	108	%		1.0	05/26/04 17:19		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: 607356920 Project Sample Number: 6085394-013 Date Collected: 07/29/04 12:05
Client Sample ID: 120529JUL04 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	11.		1.1 08/06/04 21:38 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 08/06/04 21:38 RMN1				
Kerosene	ND	mg/kg	11.		1.1 08/06/04 21:38 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 08/06/04 21:38 RMN1 68334-30-5				
Fuel Oil	ND	mg/kg	11.		1.1 08/06/04 21:38 RMN1 68334-30-5				
Motor Oil	ND	mg/kg	11.		1.1 08/06/04 21:38 RMN1				
Total Petroleum Hydrocarbons	68.	mg/kg	11.		1.1 08/06/04 21:38 RMN1			7	
n-Tetracosane (S)	100	%			1.0 08/06/04 21:38 RMN1 646-31-1				
p-Terphenyl (S)	116	%			1.0 08/06/04 21:38 RMN1 92-94-4				
Date Extracted	08/05/04				08/05/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	13.7	%			1.0 08/05/04		DPB		

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	220		4.4 08/05/04 23:46 ARF 71-43-2				
Ethylbenzene	930	ug/kg	220		4.4 08/05/04 23:46 ARF 100-41-4				
Toluene	4000	ug/kg	220		4.4 08/05/04 23:46 ARF 108-88-3				
Xylene (Total)	14000	ug/kg	570		4.4 08/05/04 23:46 ARF 1330-20-7				
a,a,a-Trifluorotoluene (S)	86	%			1.0 08/05/04 23:46 ARF 98-08-8				

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

Lab Sample No: 607356938 Project Sample Number: 6085394-014 Date Collected: 07/29/04 11:55
Client Sample ID: 115529JUL04 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	11.		1.1 08/06/04 21:56 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 08/06/04 21:56 RMN1				
Kerosene	ND	mg/kg	11.		1.1 08/06/04 21:56 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 08/06/04 21:56 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 08/06/04 21:56 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 08/06/04 21:56 RMN1				
Total Petroleum Hydrocarbons	70.	mg/kg	11.		1.1 08/06/04 21:56 RMN1				1
n-Tetracosane (S)	122	%			1.0 08/06/04 21:56 RMN1		646-31-1		
p-Terphenyl (S)	143	%			1.0 08/06/04 21:56 RMN1		92-94-4		
Date Extracted	08/05/04				08/05/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	7.6	%			1.0 08/05/04		DPB		

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	54.		1.1 08/06/04 00:14 ARF		71-43-2		
Ethylbenzene	ND	ug/kg	54.		1.1 08/06/04 00:14 ARF		100-41-4		
Toluene	ND	ug/kg	54.		1.1 08/06/04 00:14 ARF		108-88-3		
Xylene (Total)	170	ug/kg	140		1.1 08/06/04 00:14 ARF		1330-20-7		
a,a,a-Trifluorotoluene (S)	93	%			1.0 08/06/04 00:14 ARF		98-08-8		

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