

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 #005 API #: 30-039-07136 U/L or Qtr/Qtr A SEC 7 T 27N R 4W
County: RIO ARRIBA Latitude 36.59157 Longitude -107.28642 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 80 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):

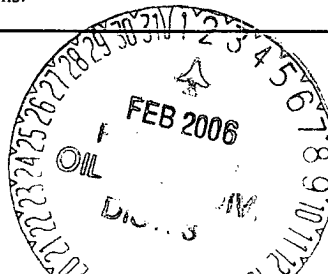
0

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: 71325

Outside v A



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: 10/3/05

Printed Name/Title Mark Harvey for Williams Field Services

Signature Mr. 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. I

Signature Denny Furr

FEB 02 2006
Date:

ADDENDUM TO OCD FORM C-144

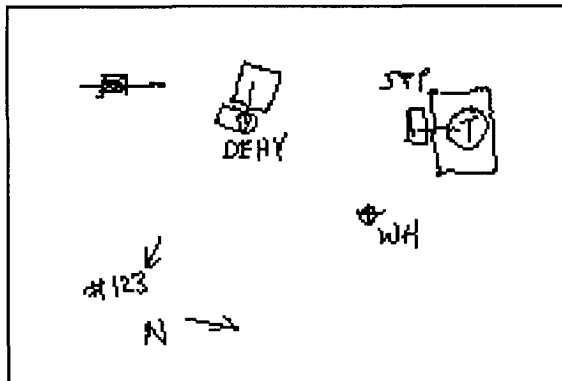
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-039-07136

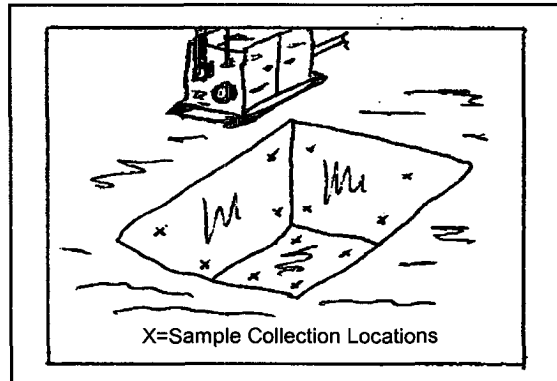
Well Name: SAN JUAN 27 4 UNIT #005

Meter: 71325

Facility Diagram:



Sampling Diagram:



Pit Dimensions

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

Location of Pit Center

Latitude 36.59136
Longitude -107.28639
(NAD 1927)

Pit ID

713251

Pit Type

Glycol Dehydrator

Date Closure Started: 5/24/05

Date Closure Completed: 5/24/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 95

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	
125220JUL04	7/20/04		131.5	1.1	0	ASSESS	Flr	3	
154024MAY05	5/24/05	89			6100	EX Confirm	Walls	9	See Risk Analysis
155124MAY05	5/24/05	172	343	5	20000	EX Confirm	Flr	10	See Risk Analysis

Lab Project Number: 6096223

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608256202
Client Sample ID: 154024MAY05

Project Sample Number: 6096223-004
Matrix: Soil

Date Collected: 05/24/05 15:40
Date Received: 06/15/05 09:10

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	23.		2.3 06/18/05 10:24 RMN1				
Jet Fuel	ND	mg/kg	23.		2.3 06/18/05 10:24 RMN1				
Kerosene	ND	mg/kg	23.		2.3 06/18/05 10:24 RMN1				
Diesel Fuel	ND	mg/kg	23.		2.3 06/18/05 10:24 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	23.		2.3 06/18/05 10:24 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	23.		2.3 06/18/05 10:24 RMN1				
Total Petroleum Hydrocarbons	6100	mg/kg	23.		2.3 06/18/05 10:24 RMN1				1
n-Tetracosane (S)	223	%			1.0 06/18/05 10:24 RMN1		646-31-1		2
p-Terphenyl (S)	90	%			1.0 06/18/05 10:24 RMN1		92-94-4		
Date Extracted	06/15/05				06/15/05				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 13.7 %

1.0 06/16/05 CPR

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6096223

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608256210
Client Sample ID: 155124MAY05

Project Sample Number: 6096223-005
Matrix: Soil

Date Collected: 05/24/05 15:51
Date Received: 06/15/05 09:10

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	120	11.7	06/18/05 10:44	RMN1			
Jet Fuel	ND	mg/kg	120	11.7	06/18/05 10:44	RMN1			
Kerosene	ND	mg/kg	120	11.7	06/18/05 10:44	RMN1			
Diesel Fuel	ND	mg/kg	120	11.7	06/18/05 10:44	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	120	11.7	06/18/05 10:44	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	120	11.7	06/18/05 10:44	RMN1			
Total Petroleum Hydrocarbons	20000	mg/kg	120	11.7	06/18/05 10:44	RMN1		2	
n-Tetracosane (S)	0	%		1.0	06/18/05 10:44	RMN1	646-31-1	4	
p-Terphenyl (S)	0	%		1.0	06/18/05 10:44	RMN1	92-94-4	4	
Date Extracted	06/15/05				06/15/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	15.2	%		1.0	06/16/05	CPR			

GC/MS Volatiles

UST VOCs in Soil Prep/Method: EPA 5030 Medium Soil / EPA 8260

Benzene	5000	ug/kg	580	11.7	06/18/05 18:25	JKL	71-43-2		
Toluene	80000	ug/kg	580	11.7	06/18/05 18:25	JKL	108-88-3		
Ethylbenzene	18000	ug/kg	580	11.7	06/18/05 18:25	JKL	100-41-4		
Xylene (Total)	240000	ug/kg	1800	11.7	06/18/05 18:25	JKL	1330-20-7		
Dibromofluoromethane (S)	100	%		1.0	06/18/05 18:25	JKL	1868-53-7		
1,2-Dichloroethane-d4 (S)	100	%		1.0	06/18/05 18:25	JKL	17060-07-0		
Toluene-d8 (S)	107	%		1.0	06/18/05 18:25	JKL	2037-26-5		
4-Bromofluorobenzene (S)	111	%		1.0	06/18/05 18:25	JKL	460-00-4		

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Lab Sample No: 607318466

Project Sample Number: 6084968-018

Date Collected: 07/20/04 12:52

Client Sample ID: 125220JUL04

Matrix: Soil

Date Received: 07/23/04 09:10

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
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GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	58.	5.8	07/28/04 13:42	RMN1			
Jet Fuel	ND	mg/kg	58.	5.8	07/28/04 13:42	RMN1			
Kerosene	ND	mg/kg	58.	5.8	07/28/04 13:42	RMN1			
Diesel Fuel	ND	mg/kg	58.	5.8	07/28/04 13:42	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	58.	5.8	07/28/04 13:42	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	58.	5.8	07/28/04 13:42	RMN1			
n-Tetracosane (S)	238	%		1.0	07/28/04 13:42	RMN1	646-31-1	8	
p-Terphenyl (S)	122	%		1.0	07/28/04 13:42	RMN1	92-94-4		
Date Extracted	07/27/04				07/27/04				

Organics Prep

Percent Moisture

Method: SM 2540G

Percent Moisture

14.2 %

1.0 07/27/04

DPB

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	1100	J ug/kg	1200	23.3	07/29/04 09:06		71-43-2	15	
Ethylbenzene	4400	ug/kg	1200	23.3	07/29/04 09:06		100-41-4		
Toluene	16000	ug/kg	1200	23.3	07/29/04 09:06		108-88-3		
Xylene (Total)	110000	ug/kg	2900	23.3	07/29/04 09:06		1330-20-7		
a,a,a-Trifluorotoluene (S)	71	%		1.0	07/29/04 09:06		98-08-8	4	

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