

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 ☐

(WFE CLOSURE)

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

Operator: PATINA SAN JUAN INCORPORATED

Telephone:

e-mail address:

Address: 1625 BROADWAY DENVER, CO 80202

Facility or well name: MILLS #001E

API #: 30-045-24305

U/L or Qtr/Qtr Q SEC 19 T 25N R 9W

County: SAN JUAN

Latitude

Longitude

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 51 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

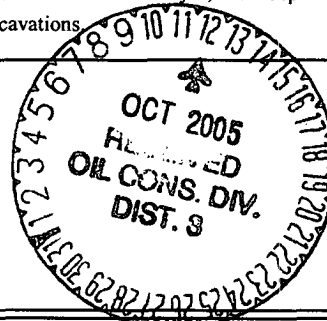
Ranking Score (TOTAL POINTS):

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 your 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: 35769



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 Faint

OCT 12 2005
Date:

ADDENDUM TO OCD FORM C-144

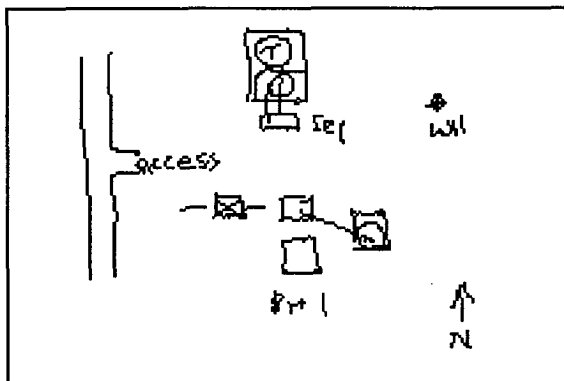
Operator: PATINA SAN JUAN INCORPORATED

API 30-045-24305

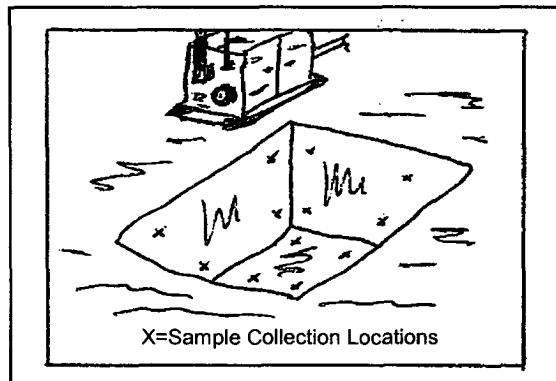
Well Name: MILLS #001E

Meter: 35769

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.
Width 12 Ft.
Depth 2 Ft.

Location of Pit Center

Latitude 36 22.9
Longitude 107 49.6
(NAD 1927)

Pit ID

357691

Pit Type

Glycol Dehydrator

Date Closure Started: 12/14/04

Date Closure Completed: 12/14/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 32

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
115014DEC04	12/14/04		1174	83	970	ASSESS	Flr	3.5
131014DEC04	12/14/04	83	0	0	77	EX Confirm	Walls	5
132014DEC04	12/14/04	245	0.31	0	77	EX Confirm	Flr	6

See Risk Analysis

Lab Project Number: 6090504
Client Project ID: N. Mex. Pits Program

Lab Sample No: 607796398 Project Sample Number: 6090504-010 Date Collected: 12/14/04 11:50
Client Sample ID: 115014DEC04 Matrix: Soil Date Received: 01/04/05 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	12.	1.2	01/06/05 20:44	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	01/06/05 20:44	RMN1			
Kerosene	ND	mg/kg	12.	1.2	01/06/05 20:44	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	01/06/05 20:44	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	01/06/05 20:44	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	01/06/05 20:44	RMN1			
Total Petroleum Hydrocarbons	970	mg/kg	12.	1.2	01/06/05 20:44	RMN1		4	
n-Tetracosane (S)	122	%		1.0	01/06/05 20:44	RMN1	646-31-1		
p-Terphenyl (S)	131	%		1.0	01/06/05 20:44	RMN1	92-94-4		
Date Extracted	01/05/05				01/05/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	15.1	%		1.0	01/05/05	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	83000	ug/kg	5700	114	01/07/05 11:51	SHF	71-43-2		
Ethylbenzene	61000	ug/kg	5700	114	01/07/05 11:51	SHF	100-41-4		
Toluene	580000	ug/kg	5700	114	01/07/05 11:51	SHF	108-88-3		
Xylene (Total)	450000	ug/kg	15000	114	01/07/05 11:51	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	161	%		1.0	01/07/05 11:51	SHF	98-08-8	2,3	

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6090504
Client Project ID: N. Mex. Pits Program

Lab Sample No: 607796414 Project Sample Number: 6090504-012 Date Collected: 12/14/04 13:20
Client Sample ID: 132014DEC04 Matrix: Soil Date Received: 01/04/05 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	01/06/05 21:19	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	01/06/05 21:19	RMN1			
Kerosene	ND	mg/kg	11.	1.1	01/06/05 21:19	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	01/06/05 21:19	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	01/06/05 21:19	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	01/06/05 21:19	RMN1			
Total Petroleum Hydrocarbons	77.	mg/kg	11.	1.1	01/06/05 21:19	RMN1		4	
n-Tetracosane (S)	107	%		1.0	01/06/05 21:19	RMN1	646-31-1		
p-Terphenyl (S)	112	%		1.0	01/06/05 21:19	RMN1	92-94-4		
Date Extracted	01/05/05				01/05/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	8.3	%		1.0	01/05/05	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	54.	1.1	01/07/05 12:45	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	54.	1.1	01/07/05 12:45	SHF	100-41-4		
Toluene	ND	ug/kg	54.	1.1	01/07/05 12:45	SHF	108-88-3		
Xylene (Total)	310	ug/kg	140	1.1	01/07/05 12:45	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	101	%		1.0	01/07/05 12:45	SHF	98-08-8	2	

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Lab Project Number: 6090504
Client Project ID: N. Mex. Pits Program

Lab Sample No: 607796406 Project Sample Number: 6090504-011 Date Collected: 12/14/04 13:10
Client Sample ID: 131014DEC04 Matrix: Soil Date Received: 01/04/05 08:50

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	01/07/05 12:39	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	01/07/05 12:39	RMN1			
Kerosene	ND	mg/kg	11.	1.1	01/07/05 12:39	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	01/07/05 12:39	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	01/07/05 12:39	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	01/07/05 12:39	RMN1			
Total Petroleum Hydrocarbons	77.	mg/kg	11.	1.1	01/07/05 12:39	RMN1		5	
n-Tetracosane (S)	125	%		1.0	01/07/05 12:39	RMN1	646-31-1		
p-Terphenyl (S)	122	%		1.0	01/07/05 12:39	RMN1	92-94-4		
Date Extracted	01/05/05				01/05/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	7.9	%		1.0	01/05/05	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	54.	1.1	01/07/05 12:19	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	54.	1.1	01/07/05 12:19	SHF	100-41-4		
Toluene	ND	ug/kg	54.	1.1	01/07/05 12:19	SHF	108-88-3		
Xylene (Total)	ND	ug/kg	140	1.1	01/07/05 12:19	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	107	%		1.0	01/07/05 12:19	SHF	98-08-8	2	

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