

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

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 ☐

(WPS 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 #001 API #: 30-045-05266 U/L or Qtr/Qtr K SEC 19 T 25N R 9W
County: SAN JUAN Latitude 36.38386 Longitude -107.8331 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

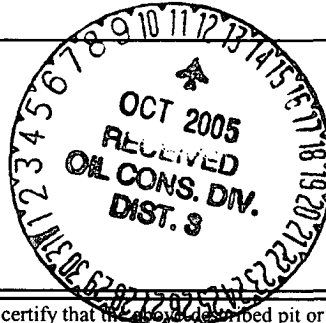
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner Type: Synthetic <input checked="" type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>120</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:

Vertical extent?

Outside



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 Mr. 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 Faust

OCT 12 2005
Date: _____

ADDENDUM TO OCD FORM C-144

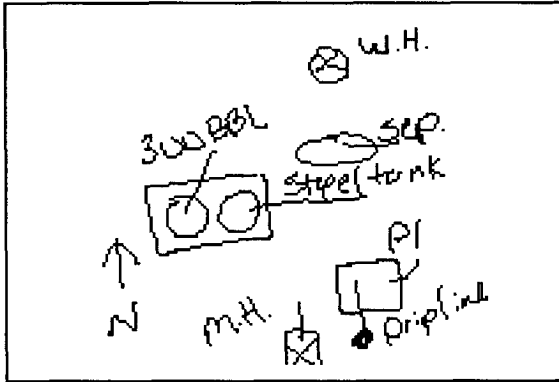
Operator: PATINA SAN JUAN INCORPORATED

API 30-045-05266

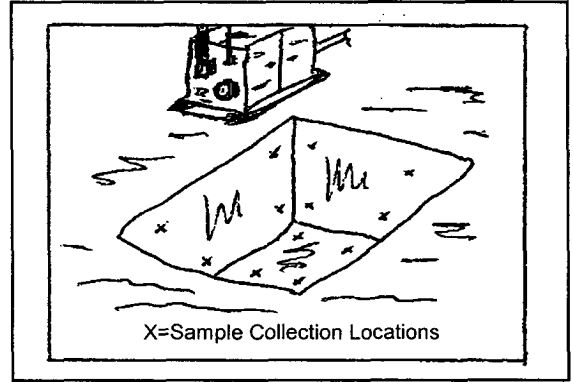
Well Name: MILLS #001

Meter: 32812

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 3 Ft.

Location of Pit Center

Latitude 36.38354

Longitude -107.83272

(NAD 1927)

Pit ID

328121

Pit Type

Other

Date Closure Started: 12/10/04

Date Closure Completed: 12/10/04

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.

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	
104211MAR04	3/11/04		1476	64	2700	ASSESS	Flr	3	
124610DEC04	12/10/04	220	154.4	0	700	EX Confirm	Walls	10	See Risk Analysis
125210DEC04	12/10/04	258	154	0	530	EX Confirm	Flr	12	See Risk Analysis

Lab Project Number: 6080365
Client Project ID: N.M. Pit Program/Spring 2004

Lab Sample No: 606913846 Project Sample Number: 6080365-008 Date Collected: 03/11/04 10:42
Client Sample ID: 104211MAR04 Matrix: Soil Date Received: 03/16/04 09:15

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	61.		6.1 03/20/04 05:01 RMN1				
Jet Fuel	ND	mg/kg	61.		6.1 03/20/04 05:01 RMN1				
Kerosene	ND	mg/kg	61.		6.1 03/20/04 05:01 RMN1				
Diesel Fuel	2700	mg/kg	61.		6.1 03/20/04 05:01 RMN1	68334-30-5	12		
Fuel Oil	ND	mg/kg	61.		6.1 03/20/04 05:01 RMN1	68334-30-5			
Motor Oil	ND	mg/kg	61.		6.1 03/20/04 05:01 RMN1				
n-Tetracosane (S)	147	%			1.0 03/20/04 05:01 RMN1	646-31-1			
p-Terphenyl (S)	198	%			1.0 03/20/04 05:01 RMN1	92-94-4	2		
Date Extracted	03/18/04				03/18/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	18.0	%			1.0 03/18/04	DPB			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	64000	ug/kg	6000	121	03/18/04 21:40 ARF	71-43-2			
Ethylbenzene	72000	ug/kg	6000	121	03/18/04 21:40 ARF	100-41-4			
Toluene	580000	ug/kg	6000	121	03/18/04 21:40 ARF	108-88-3			
Xylene (Total)	760000	ug/kg	15000	121	03/18/04 21:40 ARF	1330-20-7			
a,a,a-Trifluorotoluene (S)	813	%			1.0 03/18/04 21:40 ARF	98-08-8	3,4		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6090504

Client Project ID: N. Mex. Pits Program

Solid results are reported on a dry weight basis

Lab Sample No: 607796265	Project Sample Number: 6090504-001	Date Collected: 12/10/04 12:46
Client Sample ID: 124610DEC04	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 17:50 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 01/06/05 17:50 RMN1				
Kerosene	ND	mg/kg	11.		1.1 01/06/05 17:50 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 01/06/05 17:50 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 01/06/05 17:50 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 01/06/05 17:50 RMN1				
Total Petroleum Hydrocarbons	700	mg/kg	11.		1.1 01/06/05 17:50 RMN1				1
n-Tetracosane (S)	99	%			1.0 01/06/05 17:50 RMN1		646-31-1		
p-Terphenyl (S)	109	%			1.0 01/06/05 17:50 RMN1		92-94-4		
Date Extracted	01/05/05				01/05/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	11.1	%			1.0 01/05/05		ALJ1		

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	1100		22.2 01/06/05 23:29 SHF		71-43-2		
Ethylbenzene	4400	ug/kg	1100		22.2 01/06/05 23:29 SHF		100-41-4		
Toluene	ND	ug/kg	1100		22.2 01/06/05 23:29 SHF		108-88-3		
Xylene (Total)	150000	ug/kg	2900		22.2 01/06/05 23:29 SHF		1330-20-7		
a,a,a-Trifluorotoluene (S)	102	%			1.0 01/06/05 23:29 SHF		98-08-8		2

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

Lab Sample No: 607796273 Project Sample Number: 6090504-002 Date Collected: 12/10/04 12:52
Client Sample ID: 125210DEC04 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 17:33	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	01/06/05 17:33	RMN1			
Kerosene	ND	mg/kg	11.	1.1	01/06/05 17:33	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	01/06/05 17:33	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	01/06/05 17:33	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	01/06/05 17:33	RMN1			
Total Petroleum Hydrocarbons	530	mg/kg	11.	1.1	01/06/05 17:33	RMN1		1	
n-Tetracosane (S)	101	%		1.0	01/06/05 17:33	RMN1	646-31-1		
p-Terphenyl (S)	106	%		1.0	01/06/05 17:33	RMN1	92-94-4		
Date Extracted	01/05/05				01/05/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.4	%		1.0	01/05/05	ALJ1			

GC Volatiles

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

Benzene	ND	ug/kg	1100	22.3	01/06/05 23:57	SHF	71-43-2		
Ethylbenzene	12000	ug/kg	1100	22.3	01/06/05 23:57	SHF	100-41-4		
Toluene	12000	ug/kg	1100	22.3	01/06/05 23:57	SHF	108-88-3		
Xylene (Total)	130000	ug/kg	2900	22.3	01/06/05 23:57	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	84	%		1.0	01/06/05 23:57	SHF	98-08-8	2	

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