

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: PATINA SAN JUAN INCORPORATED Telephone: _____ e-mail address: _____
Address: 1625 BROADWAY DENVER, CO 80202
Facility or well name: NAVAJO #001E API #: 30-045-24539 U/L or Qtr/Qtr I SEC 2 T 25N R 10W
County: SAN JUAN Latitude 36.42765 Longitude -107.85909 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 77 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

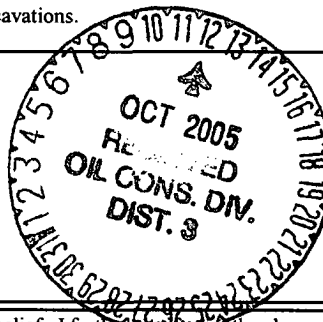
Ranking Score (TOTAL POINTS):

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: 35770



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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title _____ Signature Denny Fent

OCT 12 2005
Date: _____

ADDENDUM TO OCD FORM C-144

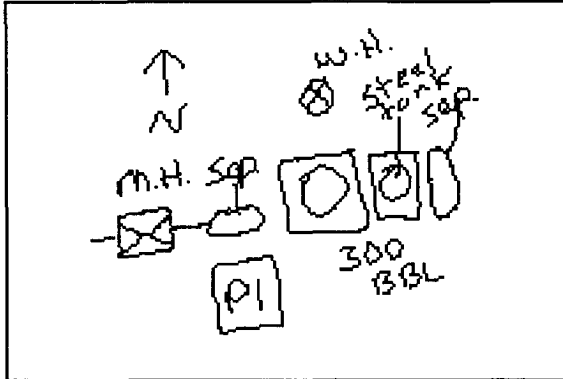
Operator: PATINA SAN JUAN INCORPORATED

API 30-045-24539

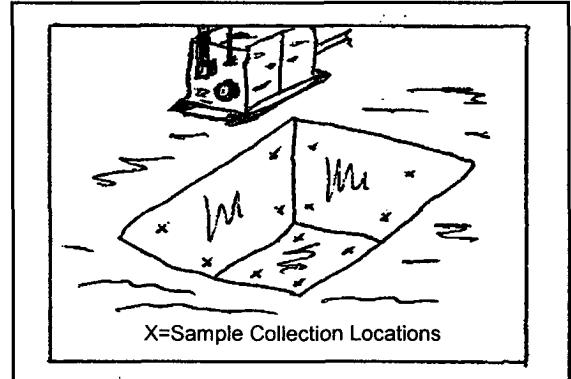
Well Name: NAVAJO #001E

Meter: 35770

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.
Width 12 Ft.
Depth 3 Ft.

Location of Pit Center

Latitude 36.42727
Longitude -107.85913
(NAD 1927)

Pit ID

357701

Pit Type

Separator

Date Closure Started: 12/6/04

Date Closure Completed: 12/6/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☐

Cubic Yards Excavated: 75

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
134720FEB04	2/20/04		15.6	0.41	22000	ASSESS	Flr	3
142806DEC04	12/6/04	80	0.24	0	340	EX Confirm	Walls	10
143406DEC04	12/6/04	572	21.2	0	790	EX Confirm	Flr	12

See Risk Analysis

Lab Project Number: 6079526
Client Project ID: NM Pit Program

Lab Sample No: 606847143
Client Sample ID: 134720FEB04

Project Sample Number: 6079526-006
Matrix: Soil

Date Collected: 02/20/04 13:47
Date Received: 02/24/04 09:30

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	62.	6.2	02/26/04 06:46	MAM			
Jet Fuel	ND	mg/kg	62.	6.2	02/26/04 06:46	MAM			
Kerosene	ND	mg/kg	62.	6.2	02/26/04 06:46	MAM			
Diesel Fuel	22000	mg/kg	62.	6.2	02/26/04 06:46	MAM	68334-30-5	4	
Fuel Oil	ND	mg/kg	62.	6.2	02/26/04 06:46	MAM	68334-30-5		
Motor Oil	ND	mg/kg	62.	6.2	02/26/04 06:46	MAM			
n-Tetracosane (S)	0	%		1.0	02/26/04 06:46	MAM	646-31-1	5	
p-Terphenyl (S)	0	%		1.0	02/26/04 06:46	MAM	92-94-4	5	
Date Extracted	02/25/04				02/25/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	20.3	%		1.0	02/25/04	DPB			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	410	ug/kg	62.	1.2	02/27/04 13:56		71-43-2		
Ethylbenzene	790	ug/kg	62.	1.2	02/27/04 13:56		100-41-4		
Toluene	3400	ug/kg	62.	1.2	02/27/04 13:56		108-88-3		
Xylene (Total)	11000	ug/kg	160	1.2	02/27/04 13:56		1330-20-7		
a,a,a-Trifluorotoluene (S)	109	%		1.0	02/27/04 13:56		98-08-8		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6089836
Client Project ID: N.M. Pits

Lab Sample No: 607735222 Project Sample Number: 6089836-016 Date Collected: 12/06/04 14:34
Client Sample ID: 143406DEC04 Matrix: Soil Date Received: 12/10/04 09:50

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	12/14/04 19:30	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	12/14/04 19:30	RMN1			
Kerosene	ND	mg/kg	11.	1.1	12/14/04 19:30	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	12/14/04 19:30	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	12/14/04 19:30	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	12/14/04 19:30	RMN1			
Total Petroleum Hydrocarbons	790	mg/kg	11.	1.1	12/14/04 19:30	RMN1		3	
n-Tetracosane (S)	159	%		1.0	12/14/04 19:30	RMN1	646-31-1	8	
p-Terphenyl (S)	101	%		1.0	12/14/04 19:30	RMN1	92-94-4		
Date Extracted	12/13/04				12/13/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	6.4	%		1.0	12/14/04	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	370	7.4	12/15/04 10:54		71-43-2		
Ethylbenzene	1200	ug/kg	370	7.4	12/15/04 10:54		100-41-4		
Toluene	ND	ug/kg	370	7.4	12/15/04 10:54		108-88-3		
Xylene (Total)	20000	ug/kg	960	7.4	12/15/04 10:54		1330-20-7		
a,a,a-Trifluorotoluene (S)	79	%		1.0	12/15/04 10:54		98-08-8	2	

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Lab Project Number: 6089836
Client Project ID: N.M. Pits

Lab Sample No: 607735214
Client Sample ID: 142806DEC04

Project Sample Number: 6089836-015
Matrix: Soil
Date Collected: 12/06/04 14:28
Date Received: 12/10/04 09:50

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	12/15/04 15:44	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	12/15/04 15:44	RMN1			
Kerosene	ND	mg/kg	11.	1.1	12/15/04 15:44	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	12/15/04 15:44	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	12/15/04 15:44	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	12/15/04 15:44	RMN1			
Total Petroleum Hydrocarbons	340	mg/kg	11.	1.1	12/15/04 15:44	RMN1			10
n-Tetracosane (S)	104	%		1.0	12/15/04 15:44	RMN1	646-31-1		
p-Terphenyl (S)	97	%		1.0	12/15/04 15:44	RMN1	92-94-4		
Date Extracted	12/13/04				12/13/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	7.9	%		1.0	12/14/04	ALJ1			

GC Volatiles

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

Benzene	ND	ug/kg	54.	1.1	12/14/04 18:56		71-43-2		
Ethylbenzene	ND	ug/kg	54.	1.1	12/14/04 18:56		100-41-4		
Toluene	ND	ug/kg	54.	1.1	12/14/04 18:56		108-88-3		
Xylene (Total)	240	ug/kg	140	1.1	12/14/04 18:56		1330-20-7		
a,a,a-Trifluorotoluene (S)	97	%		1.0	12/14/04 18:56		98-08-8		

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