

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: CAULKINS OIL CO Telephone: _____ e-mail address: _____
Address: 1409 W AZTEC BLVD AZTEC, NM 87410
Facility or well name: BREECH B #121 API #: 30-039-21354 U/L or Qtr/Qtr D SEC 7 T 26N R 6W
County: RIO ARRIBA Latitude 36.50441 Longitude -107.51551 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 100 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

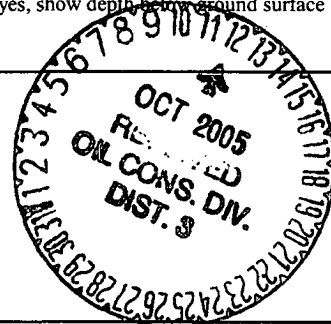
Ranking Score (TOTAL POINTS):

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:

Bedrock



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. Z. Williams, 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. 9

Printed Name/Title

Signature

Wendy Faint

OCT 12 2005

Date:

ADDENDUM TO OCD FORM C-144

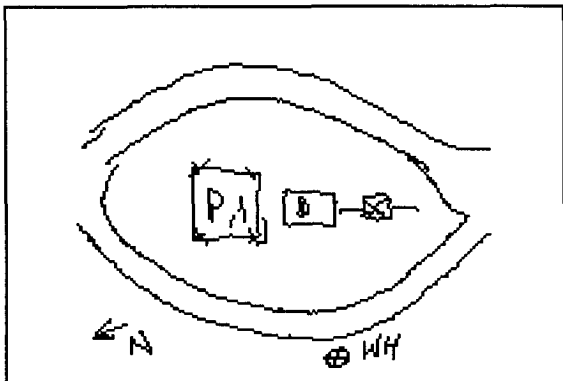
Operator: CAULKINS OIL CO

API 30-039-21354

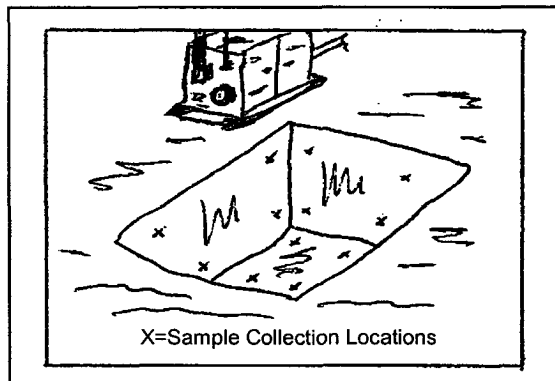
Well Name: BREECH B #121

Meter: 33228

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2.5 Ft.

Location of Pit Center

Latitude 36.50431

Longitude -107.51545

(NAD 1927)

Pit ID

332281

Pit Type

Glycol Dehydrator

Date Closure Started: 8/26/04

Date Closure Completed: 8/26/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 33

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
102526AUG04	8/26/04		0.39	0	250	EX Confirm	Walls	4
103526AUG04	8/26/04		3	0	450	EX Confirm	Flr	4
160221MAY04	5/21/04		55.2	0	1300	ASSESS	Flr	3.5

Lab Project Number: 6082900
Client Project ID: NM PITS

Solid results are reported on a dry weight basis

Lab Sample No: 607145562 Project Sample Number: 6082900-001 Date Collected: 05/21/04 16:02
Client Sample ID: 160221MAY04 Matrix: Soil Date Received: 05/26/04 09:25

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	11.		1.1 06/01/04 18:31 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 06/01/04 18:31 RMN1				
Kerosene	ND	mg/kg	11.		1.1 06/01/04 18:31 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 06/01/04 18:31 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 06/01/04 18:31 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 06/01/04 18:31 RMN1				
Total Petroleum Hydrocarbons	1300	mg/kg	11.		1.1 06/01/04 18:31 RMN1			1	
n-Tetracosane (S)	106	%			1.0 06/01/04 18:31 RMN1		646-31-1		
p-Terphenyl (S)	109	%			1.0 06/01/04 18:31 RMN1		92-94-4		
Date Extracted	06/01/04				06/01/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.1	%			1.0 05/27/04		DPB		

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	2800		56.9 05/27/04 17:54 ARF		71-43-2		
Ethylbenzene	6200	ug/kg	2800		56.9 05/27/04 17:54 ARF		100-41-4		
Toluene	10000	ug/kg	2800		56.9 05/27/04 17:54 ARF		108-88-3		
Xylene (Total)	39000	ug/kg	7200		56.9 05/27/04 17:54 ARF		1330-20-7		
a,a,a-Trifluorotoluene (S)	0	%			1.0 05/27/04 17:54 ARF		98-08-8	2	

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6086460

Client Project ID: NM Pits

Lab Sample No: 607447497
Client Sample ID: 103526AUG04

Project Sample Number: 6086460-006
Matrix: Soil

Date Collected: 08/26/04 10:35
Date Received: 09/03/04 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	11.		1.1 09/09/04 00:12 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 09/09/04 00:12 RMN1				
Kerosene	ND	mg/kg	11.		1.1 09/09/04 00:12 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 09/09/04 00:12 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 09/09/04 00:12 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 09/09/04 00:12 RMN1				
Total Petroleum Hydrocarbons	450	mg/kg	11.		1.1 09/09/04 00:12 RMN1				5
n-Tetracosane (S)	109	%			1.0 09/09/04 00:12 RMN1		646-31-1		
p-Terphenyl (S)	114	%			1.0 09/09/04 00:12 RMN1		92-94-4		
Date Extracted	09/07/04				09/07/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	9.5	%			1.0 09/07/04	JLC1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	280		5.5 09/07/04 17:33		71-43-2		
Ethylbenzene	1400	ug/kg	280		5.5 09/07/04 17:33		100-41-4		
Toluene	1600	ug/kg	280		5.5 09/07/04 17:33		108-88-3		
Xylene (Total)	ND	ug/kg	720		5.5 09/07/04 17:33		1330-20-7		
a,a,a-Trifluorotoluene (S)	83	%			1.0 09/07/04 17:33		98-08-8		

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6086460
Client Project ID: NM Pits

Lab Sample No: 607447505 Project Sample Number: 6086460-007 Date Collected: 08/26/04 10:25
Client Sample ID: 102526AUG04 Matrix: Soil Date Received: 09/03/04 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	11.		1.1 09/09/04 01:37 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 09/09/04 01:37 RMN1				
Kerosene	ND	mg/kg	11.		1.1 09/09/04 01:37 RMN1				
Diesel Fuel	ND	mg/kg	11.		1.1 09/09/04 01:37 RMN1		68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 09/09/04 01:37 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 09/09/04 01:37 RMN1				
Total Petroleum Hydrocarbons	250	mg/kg	11.		1.1 09/09/04 01:37 RMN1			5	
n-Tetracosane (S)	106	%			1.0 09/09/04 01:37 RMN1		646-31-1		
p-Terphenyl (S)	112	%			1.0 09/09/04 01:37 RMN1		92-94-4		
Date Extracted	09/07/04				09/07/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	9.3	%			1.0 09/07/04	JLC1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	55.		1.1 09/07/04 18:02		71-43-2		
Ethylbenzene	120	ug/kg	55.		1.1 09/07/04 18:02		100-41-4		
Toluene	ND	ug/kg	55.		1.1 09/07/04 18:02		108-88-3		
Xylene (Total)	270	ug/kg	140		1.1 09/07/04 18:02		1330-20-7		
a,a,a-Trifluorotoluene (S)	96	%			1.0 09/07/04 18:02		98-08-8		

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