

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)

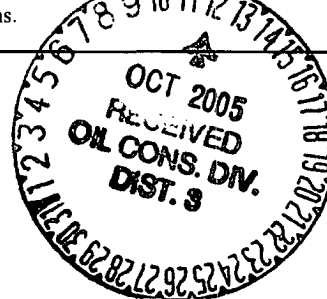
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: CAULKINS OIL CO Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: 1409 W AZTEC BLVD AZTEC, NM 87410  
Facility or well name: BREECH #382 API #: 30-039-20912 U/L or Qtr/Qtr N SEC 24 T 26N R 7W  
County: RIO ARriba Latitude 36.46707 Longitude -107.53112 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

<b>Pit</b> 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 _____ 60 bbl	<b>Below-grade tank</b> 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>
<b>Ranking Score (TOTAL POINTS):</b> <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:



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, DSI.

Signature Denny Faint

OCT 12 2005

# **ADDENDUM TO OCD FORM C-144**

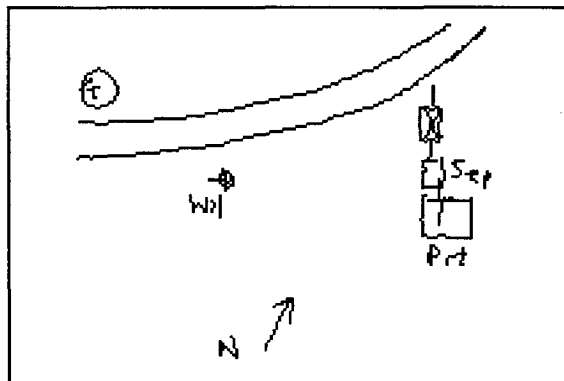
**Operator:** CAULKINS OIL CO

**API** 30-039-20912

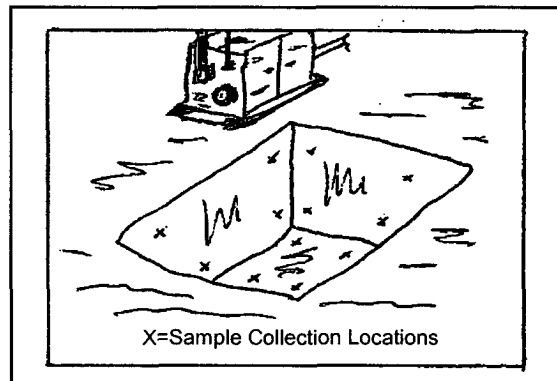
**Well Name:** BREECH #382

**Meter:** 33064

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 15 Ft.

Width 15 Ft.

Depth 1.5 Ft.

**Location of Pit Center**

Latitude 36.46718

Longitude -107.53082

(NAD 1927)

**Pit ID**

330641

**Pit Type**

Separator

**Date Closure Started:** 8/31/04

**Date Closure Completed:** 8/31/04

**Closure Method:** Pushed In

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:**

**Vertical Extent of Equipment Reached ?** ☐

**Description Of Closure Action:**

The pit was assessed and sampled in accordance with NMOCD guidelines. Based on assessment findings, the pit was backfilled.

**Pit Closure Sampling:**

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth
162310AUG04	8/10/04		7.79	0.12	320	ASSESS	Flr	3.5

Lab Project Number: 6085700  
Client Project ID: N.M. Pits

Lab Sample No: 607379716      Project Sample Number: 6085700-020      Date Collected: 08/10/04 16:23  
Client Sample ID: 162310AUG04      Matrix: Soil      Date Received: 08/12/04 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	08/19/04 12:12	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	08/19/04 12:12	RMN1			
Kerosene	ND	mg/kg	11.	1.1	08/19/04 12:12	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	08/19/04 12:12	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	08/19/04 12:12	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	08/19/04 12:12	RMN1			
Total Petroleum Hydrocarbons	320	mg/kg	11.	1.1	08/19/04 12:12	RMN1		4	
n-Tetracosane (S)	94	%		1.0	08/19/04 12:12	RMN1	646-31-1		
p-Terphenyl (S)	109	%		1.0	08/19/04 12:12	RMN1	92-94-4		
Date Extracted	08/16/04				08/16/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	13.4	%		1.0	08/16/04	DPB			

#### GC Volatiles

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

Benzene	120	ug/kg	58.	1.1	08/17/04 20:48	ARF	71-43-2		
Ethylbenzene	270	ug/kg	58.	1.1	08/17/04 20:48	ARF	100-41-4		
Toluene	2500	ug/kg	58.	1.1	08/18/04 12:07	ARF	108-88-3		
Xylene (Total)	4900	ug/kg	150	1.1	08/18/04 12:07	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	106	%		1.0	08/17/04 20:48	ARF	98-08-8		

## REPORT OF LABORATORY ANALYSIS

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