

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 ☐

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

Operator: <u>CAULKINS OIL CO</u>		Telephone:	e-mail address:	
Address: <u>1409 W AZTEC BLVD AZTEC, NM 87410</u>				
Facility or well name: <u>BREECH C #144</u>		API #: <u>30-039-08156</u>	U/L or Qtr/Qtr	A SEC <u>12</u> T <u>26N</u> R <u>6W</u>
County: <u>RIO ARRIBA</u>		Latitude <u>36.50631</u>	Longitude <u>-107.41376</u>	NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>				
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>38</u> bbl		Below-grade tank Volume: bbl Type of fluid: Construction Material: Double-walled, with leak detection? Yes <input 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 50 feet or more, but less than 100 feet 100 feet or more		(20 points) (10 points) <u>0</u> (0 points)
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) <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 200 feet to 1,000 feet Greater than 1,000 feet		(20 points) (10 points) <u>0</u> (0 points)
		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:	Meter: <u>32779</u>
Shared site with Breech 644 - on remediation start date could not locate pit - closed by others - dig in area where pit identified w/ BR at 2 ft BGS - HS readings 0-23 ppm - no sample - backfill	
<i>Bedrock</i>	

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 <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input checked="" type="checkbox"/>	
Date: <u>1/31/06</u>	
Printed Name/Title <u>Mark Harvey for Williams Field Services</u>	Signature <u><i>Mark Harvey</i></u> 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: <u>DEPUTY OIL & GAS INSPECTOR, DIST. #</u>	
Printed Name/Title _____	Signature <u><i>Deputy</i></u> Date: <u>FEB 02 2006</u>

ADDENDUM TO OCD FORM C-144

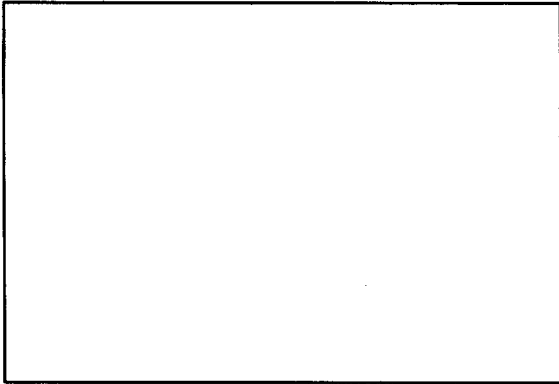
Operator: CAULKINS OIL CO

API 30-039-08156

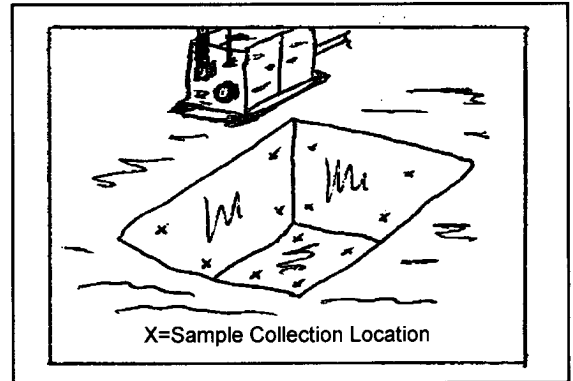
Well Name: BREECH C #144

Meter: 32779

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.

Width 12 Ft.

Depth 1.5 Ft.

Location of Pit Center

Latitude 36.50657

Longitude -107.41402

(NAD 1927)

Pit ID

327791

Pit Type

Glycol Dehydrator

Date Closure Started: 8/29/05

Date Closure Completed: 8/29/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated:

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
182821MAY04	5/21/04		2567	69	13000	ASSESS	Flr	3.5

Lab Project Number: 6082900
Client Project ID: NM PITS

Lab Sample No: 607145661
Client Sample ID: 182821MAY04

Project Sample Number: 6082900-009
Matrix: Soil

Date Collected: 05/21/04 18:28
Date Received: 05/26/04 09:25

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	60.	6.0	06/10/04 13:39	DCKI			
Jet Fuel	ND	mg/kg	60.	6.0	06/10/04 13:39	DCKI			
Kerosene	ND	mg/kg	60.	6.0	06/10/04 13:39	DCKI			
Diesel Fuel	ND	mg/kg	60.	6.0	06/10/04 13:39	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	60.	6.0	06/10/04 13:39	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	60.	6.0	06/10/04 13:39	DCKI			
Total Petroleum Hydrocarbons	13000	mg/kg	60.	6.0	06/10/04 13:39	DCKI		9	
n-Tetracosane (S)	306	%		1.0	06/10/04 13:39	DCKI	646-31-1	11	
p-Terphenyl (S)	102	%		1.0	06/10/04 13:39	DCKI	92-94-4		
Date Extracted	06/01/04				06/01/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.7	%		1.0	05/27/04	DPB			

GC Volatiles

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

Benzene	69000	ug/kg	15000	301	05/28/04 22:09	ARF	71-43-2		
Ethylbenzene	78000	ug/kg	15000	301	05/28/04 22:09	ARF	100-41-4		
Toluene	720000	ug/kg	15000	301	05/28/04 22:09	ARF	108-88-3		
Xylene (Total)	1700000	ug/kg	38000	301	05/28/04 22:09	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	0	%		1.0	05/28/04 22:09	ARF	98-08-8	2	

REPORT OF LABORATORY ANALYSIS

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