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State of New Mexico District I State of New Mexico SUBMIT I COPY

P.O Bax 1980, Hobbs, NM Energy, Minerals and Natural Resources Dept.

TO APPROPRIATE

District II P.O. Drawer DD, Artesia, NM 88221

District III 1000 Rio Brazos Rd, Aztec, NN 87410 OIL CONSERVATION DIVISION 2040 S. Pacheco Santa Fe, New Mexico 87504

SUBMIT 1 COPY DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

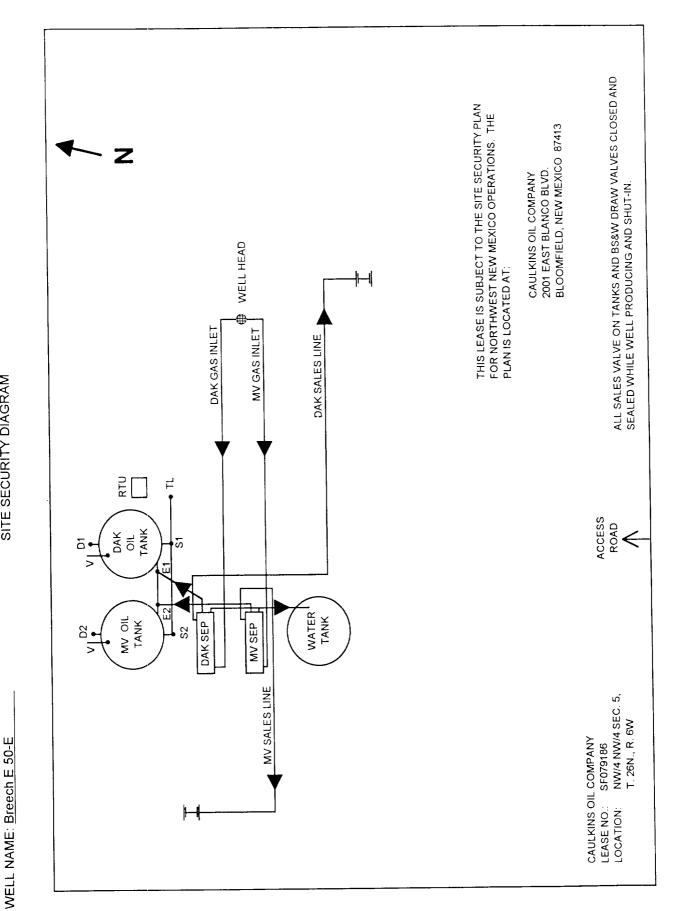
# PIT REMEDIATION AND CLOSURE REPORT

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operator: Caulkins Oil Company Telephone: (505) 632-1544							
Address: P.O. Box 340, Bloomfield, NM 87413							
Pacility or Well Name: Breech "E" 50-E							
Location: Unit or Qtr/Qtr Sec D Sec 5 T 26N R 6W County Rio Arriba							
Pit Type: Separator X Dehydrator Other							
Land Type: BLM X , State , Fee , Other							
Pit Location: Pit dimensions: length 20', width 20', depth 4'  (Attach diagram)  References: wellhead X, other  Footage from reference: 65'  Direction from reference: 265 Degrees East North  of X West South							
Depth to Ground Water:  (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(10 noints)	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 perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet 200 feet to 1000 feet Greater than 1000 feet	<pre>(20 points) (10 points) (0 points)</pre>	0				
	RANKING SCORE (TO	TAL POINTS):	0				

Date Remediation St	Date Completed: 8-13-96				
Remediation Method: (Check all appropiate	Excavation Approx. cubic yards				
sections)	Landfarmed Insitu Bioremediation				
	OtherTested Clean				
Remediation Location (ie. landfarmed onsite, name and location of offsite facility)	on: Onsite X Offsite				
General Description	of Remedial Action: Samples taken from pit were within standards.				
	ng clean sandy soil from existing wellpad. Disturbed areas have				
	ording to guidelines.				
Ground Water Encountered: No X Yes Depth					
Final Dit: Comple leasting 21 1.1 1.1 5 1.1 1.1					
Final Pit:					
Final Pit: Closure Sampling: (if multiple samples,	Sample location 3' below bottom of existing pit				
Closure Sampling: (if multiple samples, attach sample results	Sample location 3' below bottom of existing pit				
Closure Sampling: (if multiple samples, attach sample results	Sample location 3' below bottom of existing pit  Sample depth 7'				
Closure Sampling: (if multiple samples, attach sample results	Sample location 3' below bottom of existing pit				
Closure Sampling: (if multiple samples, attach sample results	Sample location 3' below bottom of existing pit  Sample depth 7'  Sample date 6-25-96 Sample time 2:30 PM  Benzene (ppm)				
Closure Sampling: (if multiple samples, attach sample results	Sample location _3' below bottom of existing pit  Sample depth7'  Sample date6-25-96 Sample time2:30 PM  Benzene (ppm)  Total BTEX (ppm)				
Closure Sampling: (if multiple samples, attach sample results	Sample location 3' below bottom of existing pit  Sample depth 7'  Sample date 6-25-96 Sample time 2:30 PM  Benzene (ppm)				
Closure Sampling: (if multiple samples, attach sample results and diagram of sample	Sample location 3' below bottom of existing pit  Sample depth 7'  Sample date 6-25-96 Sample time 2:30 PM  Benzene (ppm)  Total BTEX (ppm)  Field headspace (ppm) 8.8				
Closure Sampling: (if multiple samples, attach sample results and diagram of sample  Ground Water Sample:	Sample location 3' below bottom of existing pit  Sample depth 7'  Sample date 6-25-96 Sample time 2:30 PM  Benzene (ppm)  Total BTEX (ppm)  Field headspace (ppm) 8.8  TPHND  Yes No _X (If yes, attach sample results)  AT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY				
Closure Sampling: (if multiple samples, attach sample results and diagram of sample  Ground Water Sample:  I HEREBY CERTIFY THE KNOWLEDGE AND BELIEF	Sample location 3' below bottom of existing pit  Sample depth 7'  Sample date 6-25-96 Sample time 2:30 PM  Benzene (ppm)  Total BTEX (ppm)  Field headspace (ppm) 8.8  TPHND  Yes No _X (If yes, attach sample results)  AT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY				

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CAULKINS OIL SITE SECURITY DIAGRAM





## TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

#### **Diesel Range Organics**

### Caulkins Oil Company

Project ID: NA
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

 Report Date:
 07/08/96

 Date Sampled:
 06/25/96

 Date Received:
 06/26/96

 Date Extracted:
 07/03/96

Date Analyzed: 07/03/96

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Breech E 50 E	4069	ND	18.8

ND- Analyte not detected at the stated detection limit.

**Quality Control:** 

Surrogate o - Terphenyl % Recovery 93% Acceptance Limits 50 - 150%

Reference:

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas

Chromatography." <u>Test Methods for Evaluating Solid Waste, Physical/</u>
<u>Chemical Methods</u>, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Duie Manalyst

Janus armen
Review



# TOTAL VOLATILE PETROLEUM HYDROCARBONS Gasoline Range Organics

#### Caulkins Oil Co.

Project ID: NA
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Report Date:
Date Sampled:

07/08/96

Date Sampled:
Date Received:

06/25/96

Date Extracted:

06/26/96 07/01/96

Date Analyzed:

07/01/96

Sample ID >	, Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Breech E 50 E	4069	ND	18.8

ND- Analyte not detected at the stated detection limit.

**Quality Control:** 

Surrogate

% Recovery

Acceptance Limits

Trifluorotoluene

88%

50 - 150%

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation, Division

of Underground Storage Tanks.

Comments:

Analyst

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