

District I
P.O. Box 1980, Hobbs, NM

State of New Mexico
Energy, Minerals and Natural Resources Dept.

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

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

OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87504

District III
1000 Rio Brazos Rd, Aztec, NM 87410

Approved - Denny Fount
2/17/97

PIT REMEDIATION AND CLOSURE REPORT

Operator: Caulkins Oil Company

Telephone: (505) 832-1744

Address: P.O. Box 340, Bloomfield, NM 87413

Facility or Well Name: Breech "F" 1-E

Location: Unit or Qtr/Qtr Sec M _____ Sec 33 T 27N R 6W County Rio Arriba

Pit Type: Separator ☒ Dehydrator _____ Other _____

Land Type: BLM ☒ State _____ Fee _____ Other _____

Pit Location: Pit dimensions: length 12' _____, width 12' _____, depth 4' _____
(Attach diagram)

References: wellhead ☒ other _____

Footage from reference: 114'

Direction from reference: 240 Degrees _____ East North _____
of
☒ West South _____

Depth to Ground Water:

(Vertical distance from contaminants
to seasonal high water elevation of
ground water)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(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	(20 points)	
No	(0 points)	0

Distance to Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 200 feet	(20 points)	
200 feet to 1000 feet	(10 points)	
Greater than 1000 feet	(0 points)	0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 8-8-96 Date Completed: 8-8-96

Remediation Method: Excavation Approx. cubic yards
(Check all appropriate sections) Landfarmed Insitu Bioremediation
Other Tested Clean

Remediation Location: Onsite X Offsite
(ie. landfarmed onsite,
name and location of
offsite facility)

General Description of Remedial Action: Samples taken from pit were within standards.
Pit was closed using clean sandy soil from existing wellpad. Disturbed areas have
been re-seeded according to guidelines.

Ground Water Encountered: No X Yes Depth

Final Pit: Sample location 3' below bottom of existing pit

Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
Sample depth 7'

Sample date 6-25-96 Sample time 3:05 PM

Benzene (ppm)

Total BTEX (ppm)

Field headspace (ppm) 13.1

TPH ND

Ground Water Sample: Yes No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

DATE October 11, 1996

SIGNATURE Robert L. Verquer

PRINTED NAME
AND TITLE

ROBERT L. VERQUER, SUPERINTENDENT



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: 07/02/96
Date Analyzed: 07/02/96

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Breech F 1E	4063	ND	18.7

ND- Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptance Limits</u>
	o - Terphenyl	91%	50 - 150%

Reference: EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:


Analyst


Review

TOTAL VOLATILE PETROLEUM HYDROCARBONS
Gasoline Range Organics

Caulkins Oil Co.

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: 07/01/96
Date Analyzed: 07/01/96

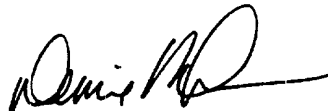
Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Breech F 1E	4063	ND	19.7

ND- Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	117%	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


Review