

District I  
P.O. Box 1930, Hobbs, NM

District II  
P.O. Drawer DD, Artesia, NM 88211

DEPUTY CHIEF  
1000 Rio Brazos Rd, Aztec, NM 87410

APR 8 1997

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>BONNEVILLE FUELS CORPORATION</u>		Telephone: <u>303-863-1555</u>
Address: <u>1660 Lincoln Street, Suite 1800, Denver, CO 80264</u>		
Facility Or: <u>SCOTT "E" FEDERAL #13</u>		
Well Name _____		
Location: Unit or Qtr/Qtr Sec <u>NW-SW L</u> Sec <u>24</u> T <u>27</u> R <u>11</u> County <u>SAN JUAN</u>		
Pit Type: Separator <u>XX</u> Dehydrator _____ other <u>TANK DRAIN PIT</u>		
Land Type: BLM <u>XX</u> , State _____, Fee _____, Other _____		
Pit Location: Pit dimensions: length <u>15</u> , width <u>15</u> , depth <u>8</u>		
(Attach diagram)		
Reference: wellhead _____, other <u>See Attached</u>		
Footage from reference: _____		
Direction from reference: _____ Degrees _____ East North _____		
_____ 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) <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 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) <u>C</u>		
RANKING SCORE (TOTAL POINTS): <u>C</u>		

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OIL CON. DIV.  
DIST. 3

Date Remediation Started: 9/07/94 Date Completed: 9/07/94

Remediation Method: Excavation xx Approx. cubic yards 66  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
Other \_\_\_\_\_

Remediation Location: onsite xx offsite \_\_\_\_\_  
(ie. landfarmed onsite, name and location of offsite facility) \_\_\_\_\_

General Description Of Remedial Action: Contamination was remediated by dilution and aeration. Remediated soil was backfilled into remediated pit. A below grade fiberglass tank was emplaced in the same location as old earthen pit as per NMOCD guidelines. Pit was sampled approximately 1-1/2 years after initial remediation to supply BTEX values for bottom of pit and backfill composite. Sampling was done with a truck mounted Geoprobe which auger drilled to just below the old TD of the remediated pit. Several samples were taken off the auger while drilling to TD and were taken as representative of the backfill. The TD

sample was either taken off the raised auger or with a split spoon. Bedrock is highly irregular at this site varying between right at the surface to 14'. The original excavation went to 8' in the center, but the Geoprobe could not drill past 4'.

Ground Water Encountered: No xx Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location See Attached

Closure Sampling: \_\_\_\_\_  
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 8'; 4'

Sample date 9/07/94; 5-22-96 Sample time 01:30:00; 12:30

Sample Results

Benzene (ppm) \_\_\_\_\_

Total BTEX (ppm) \_\_\_\_\_

Field headspace (ppm) Composite and TL 4' (PID), 6.4 units

TPH @ 8'=628; Backfill=410,362

Ground Water Sample: Yes \_\_\_\_\_ No xx (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 10/19/96

SIGNATURE \_\_\_\_\_

PRINTED NAME  
AND TITLE

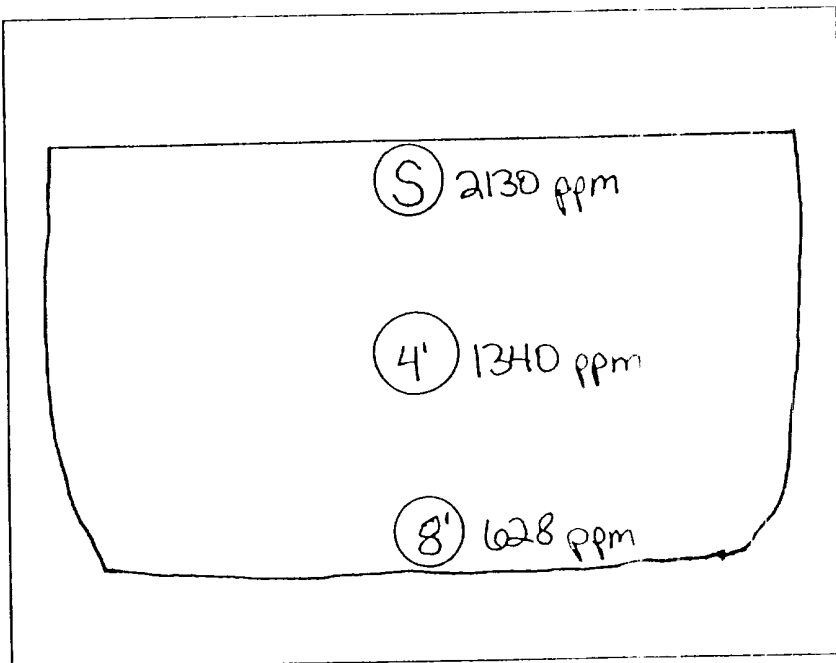
James O. Cable  
Vice President Operations

# FINAL PIT CLOSURE SAMPLING REPORT

Operator: BONNEVILLE FUELS CORPORATION Telephone: (505) 632-9876  
 Address: 310 NORTH FIRST STREET, BLOOMFIELD, NM 87413  
 Facility Or: SCOTT "E" FEDERAL #13  
 Well Name \_\_\_\_\_  
 Location: Unit or Qtr/Qtr Sec SW Sec 24 T 27 R \_\_\_\_\_ County SAN JUAN

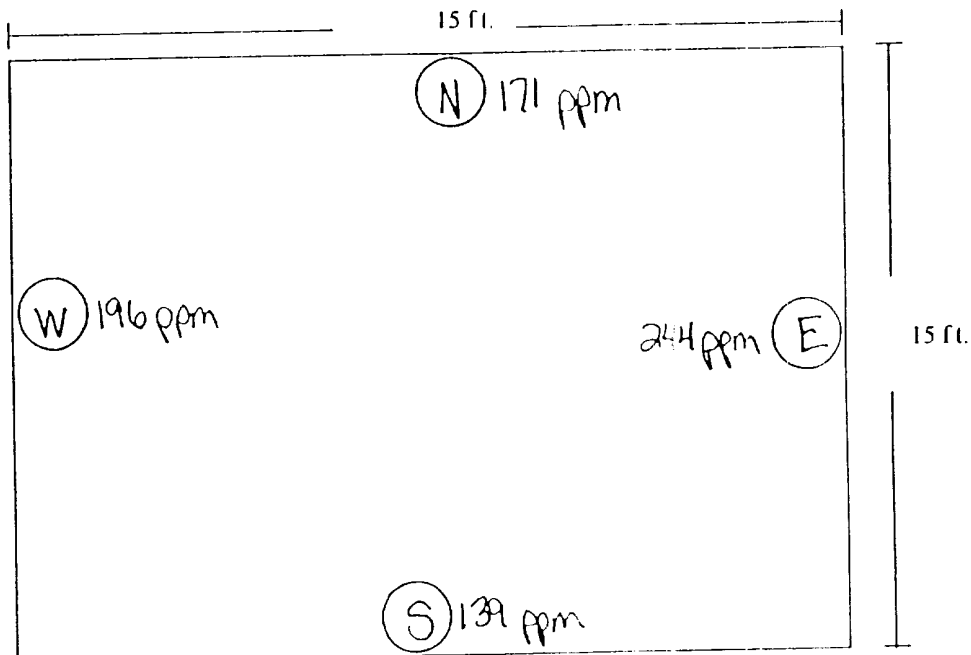
Depth	TPH
Surface	2130 ppm
2 ft.	ppm
4 ft.	1340 ppm
6 ft.	ppm
8 ft.	628 ppm
10 ft.	ppm
12 ft.	ppm
14 ft.	ppm
16 ft.	ppm
18 ft.	ppm
20 ft.	ppm
ft.	ppm
ft.	ppm
ft.	ppm

**SIDE VIEW**



**TOP VIEW**

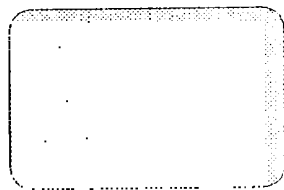
North Side	171 ppm
East Side	244 ppm
South Side	139 ppm
West Side	196 ppm



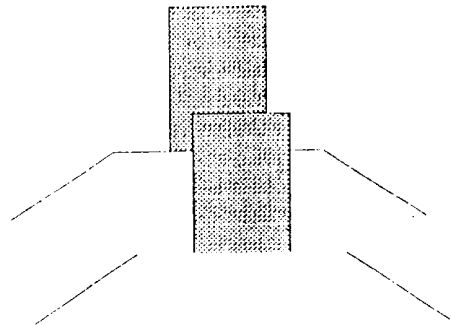
BONNEVILLE FUELS CORPORATION  
SCOTT "E" FEDERAL #13



BLOW PIT

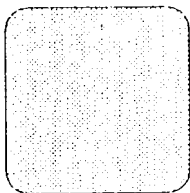


METER RUNS



98' 163° SE

TANK DRAIN PIT

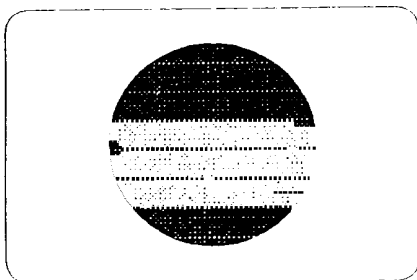


133' 257° SW

WELLHEAD



STORAGE TANK



SEPARATOR

ON SITE TECHNOLOGIES, LTD.  
P.O. BOX 2606, FARMINGTON, NM 87499  
(505) 325-5667

DATE : 05-22-96

CLIENT : BONNEVILLE FUELS

SITE LOCATION: SCOTT "E" FEDERAL . # 13  
Unit L Sec . 24 , T27N , R 1W , NMPM  
San Juan County

CONTRACTOR : ON SITE EQUIPMENT : GEOPROBE (2" AUGER w/ Split Spoon)

ASSESSMENT SUMMARY

CO. # : BON 1001

LOGGER : BC

JOB # : 4-1286

PAGE # : 1

START 11:15

FINISH: 12:30

NOTES:

Two pit assessed: Blowdown/Tank Drain

Blowdown Composite: 5'- 10' (PID: 72.5 Units)

Blowdown Grab: 14' (PID: 1800 Units)

TD: 14'

Tank Drain Composite: 4' (PID: 6.4 Units)

TD: 4'

LAB: TEST N/A

