

District **DEPUTY** **OIL & GAS**  
1000 Blg Brazos Rd. Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

(Revised 3/9/94)

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

APR 9 8 1997

# PIT REMEDIATION AND CLOSURE REPORT

Operator: BONNEVILLE FUELS CORPORATION Telephone: 303-863-1555

Address: 1660 Lincoln Street, Suite 1800, Denver, CO 80264

Facility Or: SCOTT "E" FEDERAL #22-32  
Well Name

Location: Unit or qtr/qtr sec NE G sec 22 T 27 R 11 county SAN JUAN

Pit Type: separator XX Dehydrator\_\_\_\_\_ other\_\_\_\_\_

Land Type: BLM XX, State\_\_\_\_\_, Fee\_\_\_\_\_, Other\_\_\_\_\_

Pit Location: Pit dimensions: length 24, width 22, depth 14  
(Attach diagram)

Reference: wellhead , other See Attached

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)	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) C

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) : ( )

Date Remediation Started: 9/14/94 Date Completed: 9/14/94

Remediation Method: Excavation XX Approx. cubic yards 273  
(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.

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 14'; 14'

sample date 9/14/94; 5-21-96 sample time 4:00:00; 11:10

Sample Results

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

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

Field headspace (ppm) Composite 4-12' (PID, 52 units);  
TD 14' (PID, 32 units)

TPH @ 14' = 348; Backfill = 527,591,432,688,716

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 10/14/96

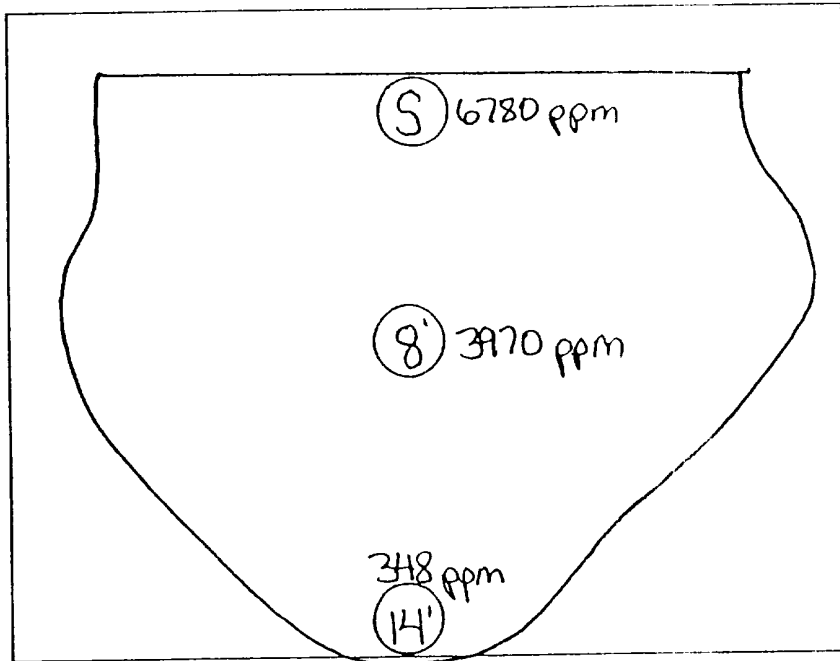
SIGNATURE [Signature] PRINTED NAME AND TITLE James O. Cable  
Vice President Operations

# 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 #22-32  
 Well Name \_\_\_\_\_  
 Location: Unit or Qtr/Qtr Sec \_\_\_\_\_ Sec \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_ County SAN JUAN

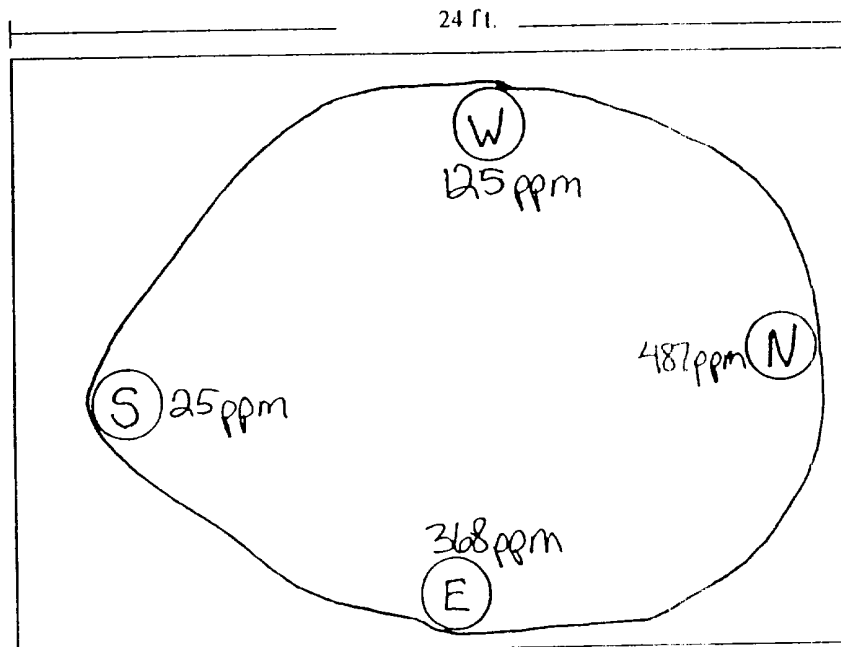
Depth	TPII
Surface	6780 ppm
2 ft.	ppm
4 ft.	4800 ppm
6 ft.	ppm
8 ft.	3970 ppm
10 ft.	ppm
12 ft.	1670 ppm
14 ft.	348 ppm
16 ft.	ppm
18 ft.	ppm
20 ft.	ppm
ft.	ppm
ft.	ppm
ft.	ppm

**SIDE VIEW**



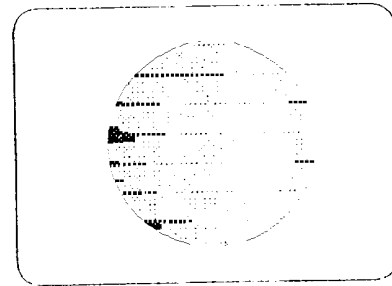
**TOP VIEW**

North Side	487 ppm
East Side	368 ppm
South Side	25 ppm
West Side	125 ppm



BONNEVILLE FUELS CORPORATION

SCOTT "E" FEDERAL #22-32



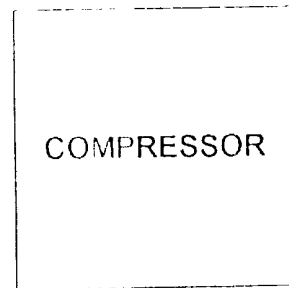
STORAGE TANK

WELLHEAD

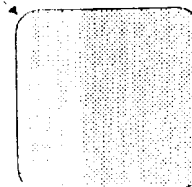


115' 259° SW

COMPRESSOR



SEPERATOR



SEPERATOR PIT

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

DATE : 05-21-96

CLIENT : BONNEVILLE FUELS

SITE LOCATION : SCOTT "E" FEDERAL COM. #22-32  
Unit G Sec .22, T27N, R11W, NMPM  
San Juan County

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

ASSESSMENT SUMMARY

CO. # : BON 1001

LOGGER : BV

JOB # : 4-1286

PAGE # : 1

START : 10:40

FINISH : 11:10

NOTES:

One pit assessed: Separator

Separator Composite: 4'- 12' (PID: 52 Units)

Separator Grab: 14' (PID: 32 Units)

TD: 14'

LAB: Test N/A

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N

