

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

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

District III  
1000 Rio Brazos Rd, Aztec, NM 87410

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: BONNEVILLE FUELS CORPORATION Telephone: 303-863-1555

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

Facility Or: SCOTT "E" FEDERAL #9

Well Name

Location: Unit or Qtr/Qtr Sec UNIT E Sec 23 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 30, width 26, depth 10

(Attach diagram)

Reference: wellhead     , other      See Attached

Footage from reference:     

Direction from reference:      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)
<u>50 feet to 99 feet</u>	(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)

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FEB 18 1997  
OIL CON. DIV.  
DIST. 3

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>0</u>

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 8/25/94 Date Completed: 8/25/94

Remediation Method: Excavation xx Approx. cubic yards 288  
(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 NMOC 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 7'; 8'

Sample date 8/25/94; 5-21-96 Sample time 10:30:00; 13:55

Sample Results

Benzene (ppm) .03

Total BTEX (ppm) 4.6

Field headspace (ppm) compostie 8-9' (PID, 142 units; TD 9' (PID, 148 units)

TPH @ 10' = 358; Backfill = 456,783,625,691,702,534,864,667,  
951,505,642,843,356

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

SIGNATURE

PRINTED NAME  
AND TITLE

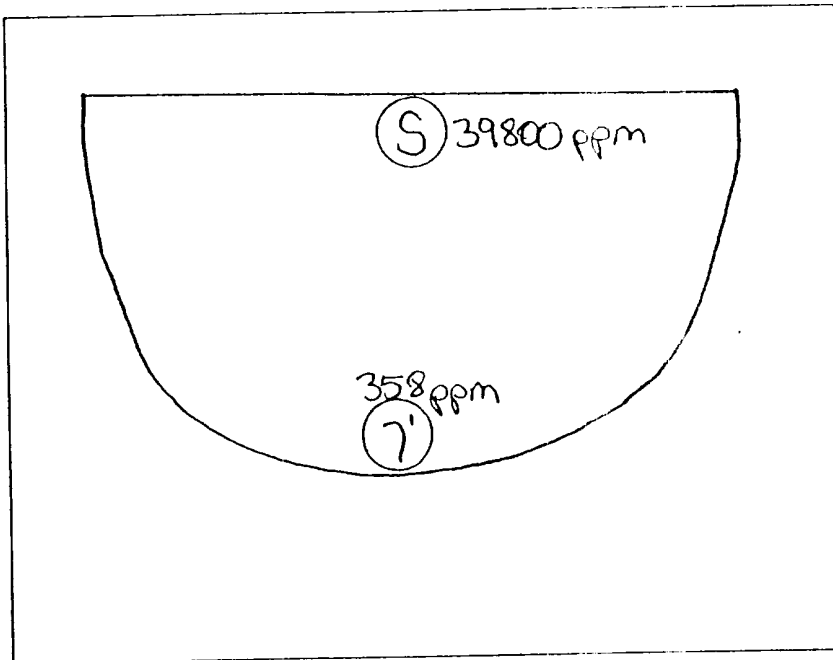
James O. Cable  
Vice President Operations

# 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 #9  
 Well Name \_\_\_\_\_  
 Location: Unit or Qtr/Qtr Sec UNIT E Sec 23 T 27 R 11 County SAN JUAN

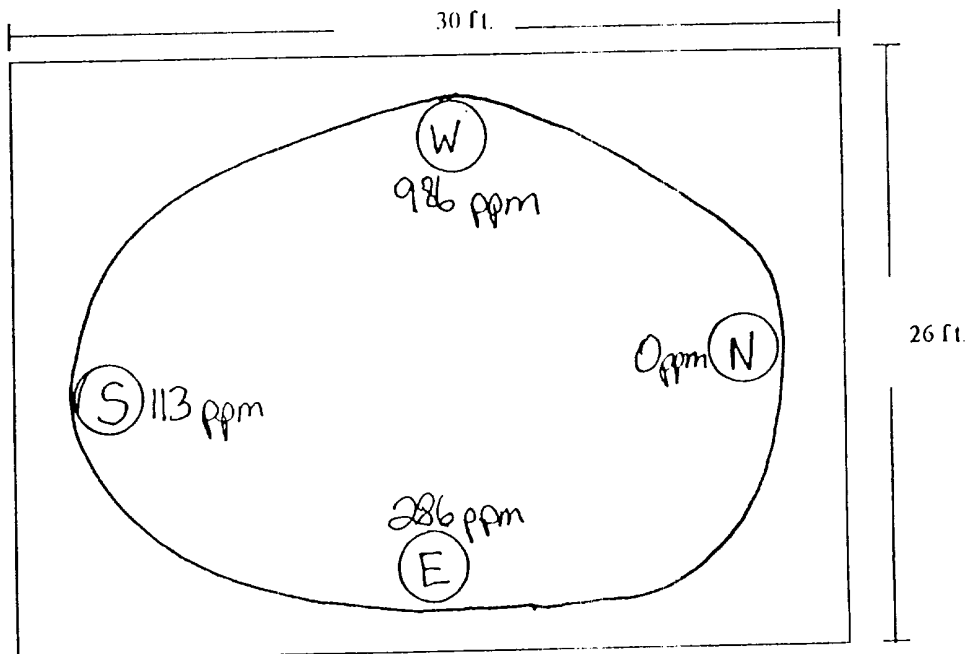
Depth	TPH
Surface	39800 ppm
2 ft.	ppm
4 ft.	ppm
6 ft.	ppm
8 ft.	ppm
10 ft.	ppm
12 ft.	ppm
14 ft.	ppm
16 ft.	ppm
18 ft.	ppm
20 ft.	ppm
7' ft.	358 ppm
ft.	ppm
ft.	ppm

**SIDE VIEW**



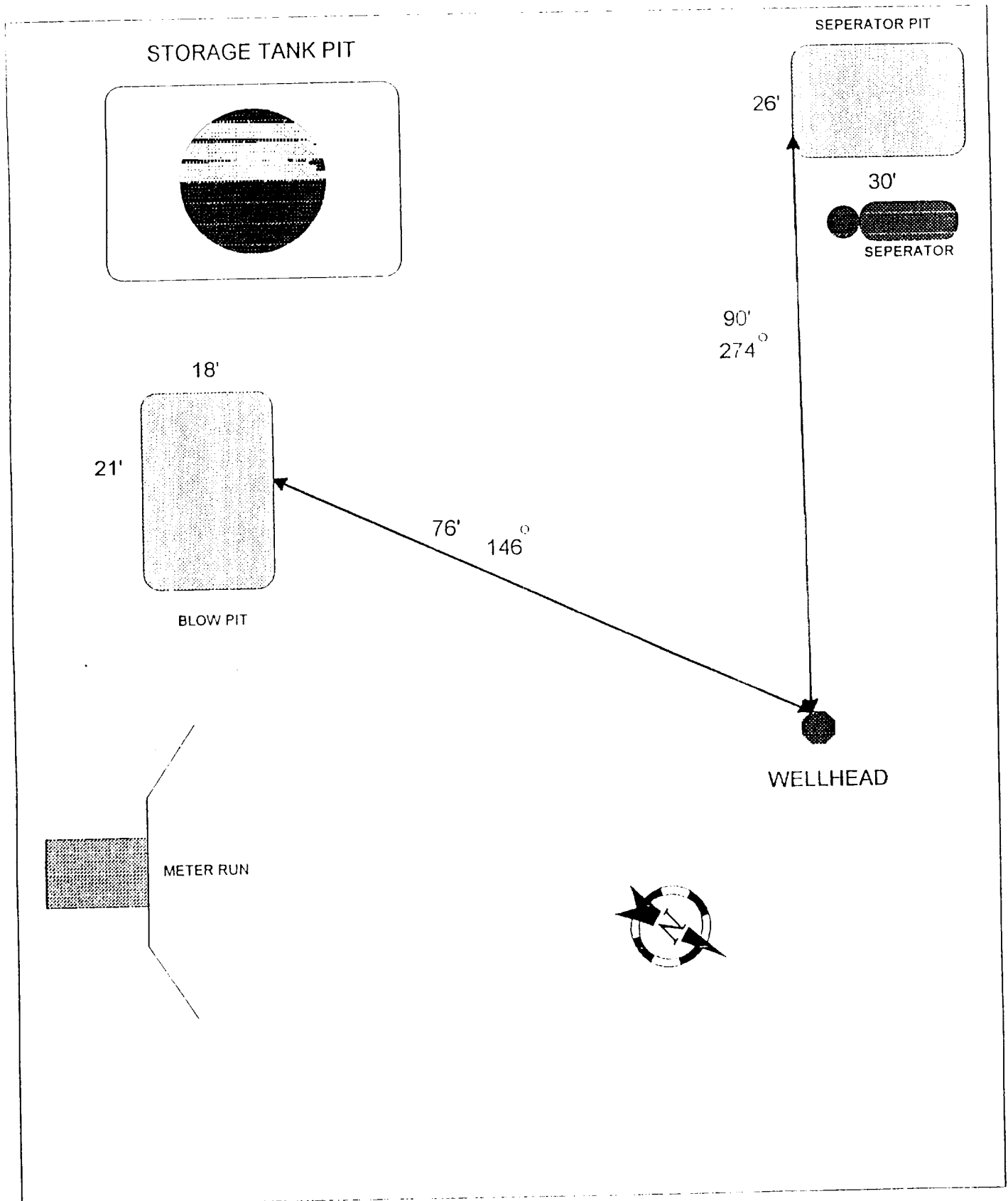
**TOP VIEW**

North Side	0 ppm
East Side	286 ppm
South Side	113 ppm
West Side	986 ppm



# BONNEVILLE FUELS CORPORATION

## SCOTT "E" FEDERAL #9



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

DATE : 05-21-95

CLIENT : BONNEVILLE FUELS

SITE LOCATION : SCOTT "E" FEDERAL . #9  
Unit E Sec. 23, T27N, R1W, NMPM  
San Juan County

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

## ASSESSMENT SUMMARY

CO. # : EON1001

LOGGER : BV

JOB # : 4-1286

PAGE # : 1

START : 12:45

FINISH : 13:55

### NOTES:

Two pit assessed: Separator/Blowdown

Separator Composite: 8'- 9' (PID: 142 Units)

Separator Grab: 8' (PID: 148 Units)

Blowdown Comp: 3'-7' (PID: 1460 Units)

Blowdown Grab: 10' (PID: 974 Units)

TD: 10'

LAB: TPH (EPA 8015) & (EPA 8020) /

N

SEPARATOR  
PIT

WELL HEAD

BLOWDOWN  
PIT

METER RUN