District I
P.O. Box 1980, 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, Denver, CO 80264

Facility Or: Scott E Federal #1
Well Name

Location: Unit or Qtr/Qtr Sec P Sec 22 T 27N R 11W County San Juan

Pit Type: Separator ____ Dehydrator ____ Other Blowdown

Land Type: BLM X, State ____, Fee ____, Other ____

Pit Location: (Attach diagram)
Pit dimensions: length 15', width 15', depth 3'
Reference: wellhead ✓, other ____
Footage from reference: 4'
Direction from reference: ____ Degrees ____ East North ____ of ____ West South X

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

RECEIVED
JAN 24 1997
OIL CONSERVATION DIV.
DIST. 3

Date Remediation Started: NA Date Completed: _____

Remediation Method: (Check all appropriate sections) Excavation _____ Approx. cubic yards _____

Landfarmed _____ Insitu Bioremediation _____

Other _____

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

General Description Of Remedial Action: _____

Ground Water Encountered: No ____ Yes ____ Depth _____

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location Blowdown pit

Sample depth 3' below pit bottom

Sample date 1/10/97 Sample time 12:45 pm

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) _____

TPH < 5000 ppm

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 1/21/97

SIGNATURE Alan L. Merrill

PRINTED NAME AND TITLE Alan L. Merrill Operations Engineer

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

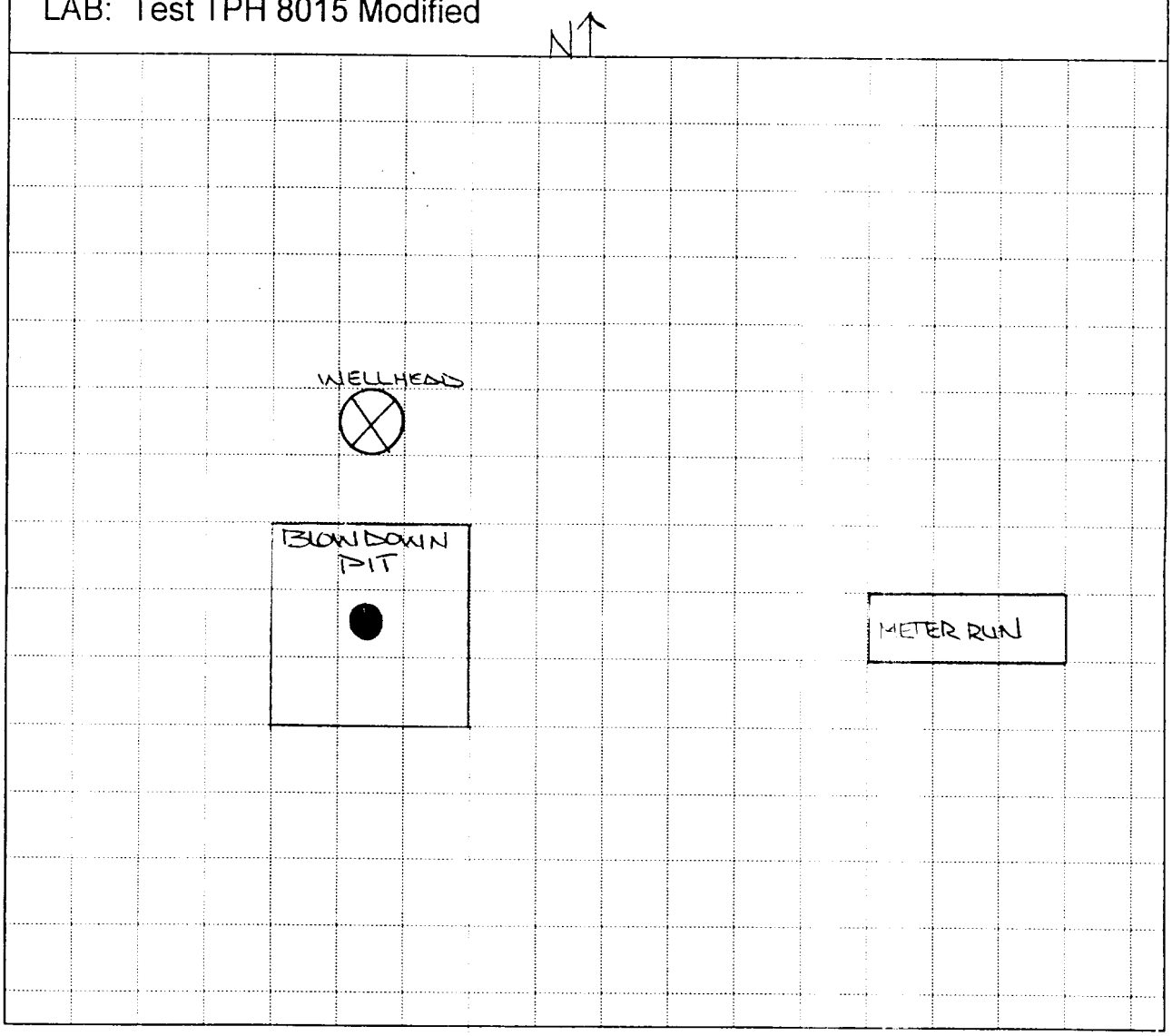
DATE : 01-15-97
CLIENT : BONNEVILLE FUELS
SITE LOCATION : Scott "E" Federal #1
990 'FSL 990 'FEL , Sec . 22 , T27N , R11W , NMPM
San Juan County , New Mexico
CONTRACTOR : ON SITE EQUIPMENT : 2" Hand Auger

ASSESSMENT SUMMARY

CO #	BON1001	LOGGER :	DA
JOB #	4-1286	PAGE # :	1
START :	10:30	FINISH :	13:30

NOTES:
One pit assessed:Blowdown.
Blowdown Grab 0-3' (PID: 0.0units).
Total Depth: 3' (PID: .0 units).

LAB: Test TPH 8015 Modified



OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

Alan Merrill / Bob Schwering
Bonneville Fuels Corp.
1660 Lincoln Street, Suite 1800,
Denver, CO. 80264

January 15, 1997

RE: Pit Assessment
Scott "E" Federal #1

On Site Project: 4-1339

This correspondence summarizes the assessment and sampling conducted by On Site Technologies, Ltd on behalf of Bonneville Fuels Corporation in reference to the unlined earthen pit on the location Scott "E" Federal #1, near Navajo Agriculture Products Industries (NAPI) south of Bloomfield, New Mexico.

On January 8, 1997, Alan Merrill of Bonneville Fuels Corporation contacted On Site Technologies, requesting assistance with the assessment for closure of an unlined earthen pit to determine if soil contamination is below or above BLM closure levels.

On January 10, 1997, Duane Aspaas of On Site met with Rex Lancaster of L&R Oilfield Construction to locate the site where assessment was to take place. Mr. Aspaas collected and field tested soils in the impacted area of the pit by using an organic vapor meter equipped with a photoionization detector (PID). The headspace method for pit closures was used for field screening. Additional soil samples were collected for laboratory analysis for Total Petroleum Hydrocarbons by EPA Method 8015 Modified (TPH). No staining or odor was noticeable in soils that were sampled at the depth of 3' feet below pit bottom. All lab samples were placed in clean 4 oz. glass containers, placed on ice and delivered to the lab following EPA SW-846 and standard Chain of Custody protocol. Figure 1 is a site sketch showing the sample location and headspace results..

On January 14, 1997, the lab analysis for soil TPH were completed. See the attached copies for laboratory results. Based on the field and lab results the contamination is below BLM unlined pit closure standards (i.e. TPH <5000 ppm). Therefore, the pit is closable without additional remediation efforts.

Please contact Duane Aspaas of On Site Technologies at (505) 325-5667 if there are any questions or additional information is needed.

Respectfully Submitted,

Duane Aspaas, Environmental Technician
On Site Technologies, Ltd.

Attach: Lab Results
Site Sketch

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

TPH - Gasoline / Diesel Range Organics

Attn:	*Cindy Gray*	Date:	14-Jan-97
Company:	*On Site Technologies, Ltd.*	*COC No.:*	*B1010*
Address:	*612 E. Murray Drive*	*Sample No.*	*13352*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1339*

Project Name:	***Bonneville Fuels - Scott E Federal #1***				
Project Location:	***Center of Earth Pit; 3' below surface***				
Sampled by:	DA	Date:	10-Jan-97	Time:	12:45
Analyzed by:	DC	Date:	13-Jan-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	*Result*	*Unit of Measure*	*Detection Limit*	*Unit of Measure*
Gasoline Range Organics (C5 - C9)	<5.0	mg/kg	5.0	mg/kg
Diesel Range Organics (C10 - C28)	<5.0	mg/kg	5.0	mg/kg
TOTAL	<5.0	mg/kg		

Quality Assurance Report

GRO QC No.: *0480-STD*

DRO QC No.: *0512-STD*

Calibration Check

Parameter	*Method Blank*	*Unit of Measure*	*True Value*	*Analyzed Value*	*% Diff*	*Limit*
Gasoline Range (C5 - C9)	<50	ppb	1,351	1,350	0.1	15%
Diesel Range (C10 - C28)	<5.0	ppm	100	101	1.0	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*%RSD*	*Limit*
Gasoline Range (C5-C9)	104	96	(70-130)	6	20%
Diesel Range (C10-C28)	88	92	(70-130)	3	20%

Method - SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by:

Date: 1/14/97