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

PIT REMEDIATION AND CLOSURE REPORT

Operator : Burlington Resources Telephone: (505) 326-9700

Address: 3535 E. 30th Street Farmington, NM 87401

Facility Or: Duff # 4
Well Name

Location: Unit or Qtr/Qtr Sec G Sec 5 T 29N R 11W County San Juan

Pit Type: Separator _____ Dehydrator _____ Other Abandoned

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

Pit Location: (Attach diagram)
Pit dimensions: Length 20 ft, width 20 ft, depth 3 ft

Reference: wellhead X other _____

Footage from reference: 25 ft

Direction from reference: 0 Degrees _____ East North X of _____ West South _____

Depth to Ground Water: (vertical distance from contaminants to seasonal highwater elevation of ground water)	>100 feet	_____	Less than 50 feet	(20 points)
		_____	50 ft to 99 feet	(10 points)
		X	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)
		X	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)
		X	Greater than 1000 feet	(0 points) 0

RECEIVED
SEP - 3 1999
OIL CON. DIV.
DIST. 3

P:\pits\PrrC@.WK3

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 5/19/99 Date Completed: 5/19/99

Excavation _____ Approx. cubic yards 0

Landfarmed _____ Insitu Bioremediation _____

Other _____

Remediation Method: Onsite _____ Offsite _____

(Check all appropriate sections)

General Description of Remedial Action: On 5/19/99, the pit was sampled at a depth of 6 feet. A soil sample was obtained from the center bottom of the pit at a depth of 6 feet (3 feet below pit bottom) utilizing U.S.E.P.A. protocol and sent to Acculabs Inc. for GRO/DRO analysis. Results provided concentrations below NMOCD guidelines.

Ground Water Encountered: No X Yes _____ Depth _____

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

Sample location Center Bottom

Sample depth 6 feet

Sample date 5/19/99 Sample time 09:40

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 10.6

TPH <7.4

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

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

DATE 7/1/99 PRINTED NAME Ed Hasely

SIGNATURE Ed Hasely and TITLE Sr. Staff Environmental Representative

Client: Burlington Resources

Date Started: May 19, 1999 Date Completed: May 19, 1999

Location : Duff # 4

Quad : G Section : 5

Range : 11W Township: 29N

Pit : Abandoned
Reference : 25' N of wellhead

Initial Size : 20' x 20' x 3' deep
Final Size : 20' x 20' x 3' deep
Yds. Excavated : 0

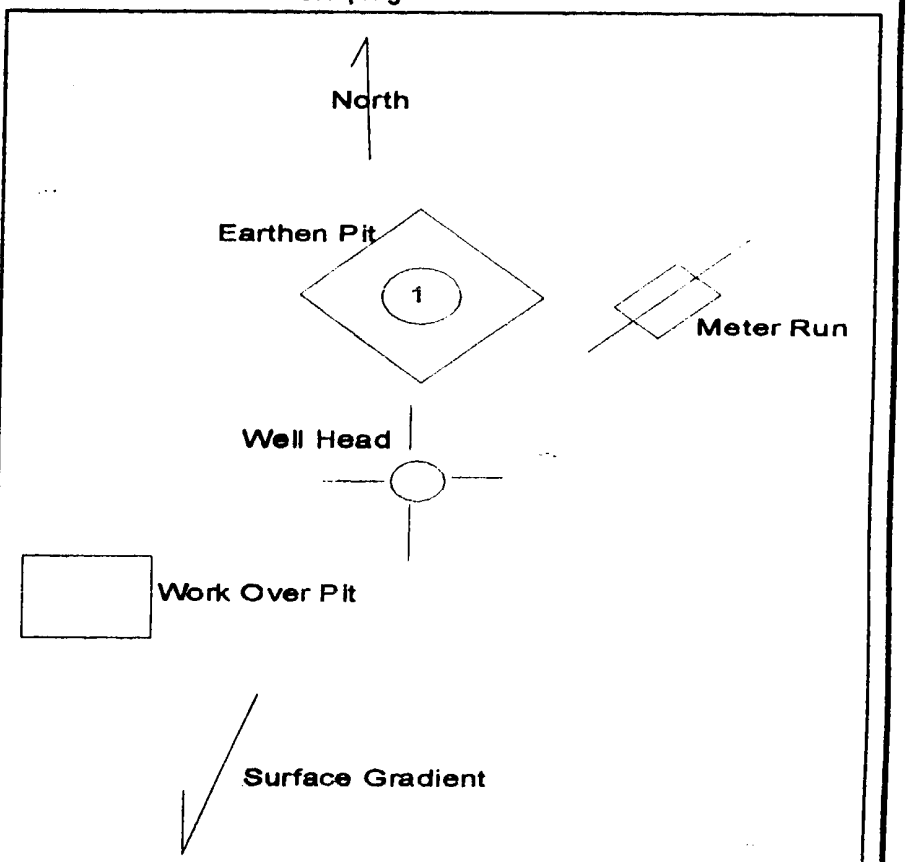
Depth to Groundwater:	>100'
Nearest Water Source:	>1000'
Nearest Surface Water:	>1000'
NMOCD Ranking Score:	0
TPH Closure Standard:	5000

Sample #	Location	OVM
1	Ctr Btm @ 6'	10.6
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

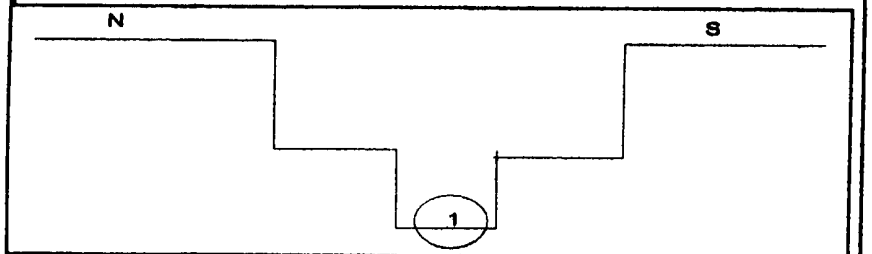
Comments : Soil is moist, brown, sandy loam. No H-C staining or odor.

Soil sample was taken at center bottom at 6 feet and sent to Acculabs for a GRO/DRO analysis.

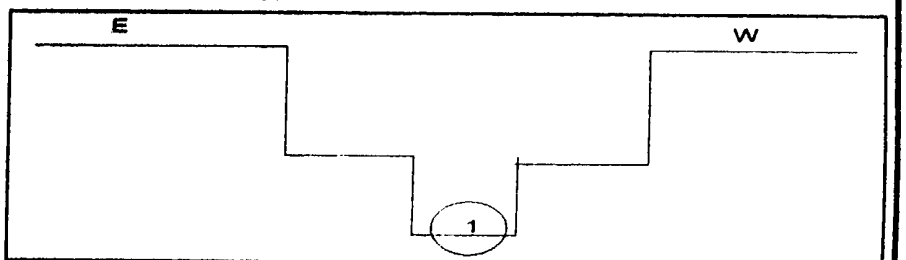
Overview of Location and Sampling :



Pit Profile : North to South :



Pit Profile : East to West :



Environmental Specialist: VC

Cimarron Environmental Services

Acculabs Inc.
Durango
75 Suttle Street, Durango CO 81301 ▪ 970-247-4220 ▪ Fax 247-4227

Cimarron Environmental Services
PO Box 3235
Farmington, NM 87401
Attention: Frank McDonald

Acculabs I.D.: 07-905-045-08
Date Received: 05/20/99
Date Reported: 05/27/99
QC Batches:

PROJECT NAME: Burlington
PROJECT NUMBER: 0
SAMPLE I.D.: Duff #4

Sample Date: 5/17/99, 05/19/9
Sample Matrix: Soil

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
GRO/DRO	8015		See Attached				

John Green, Laboratory Manager

Acculabs Inc.
Davis
1046 Olive Drive, Davis CA 95616 ▪ 530-757-0920 ▪ Fax 753-6091

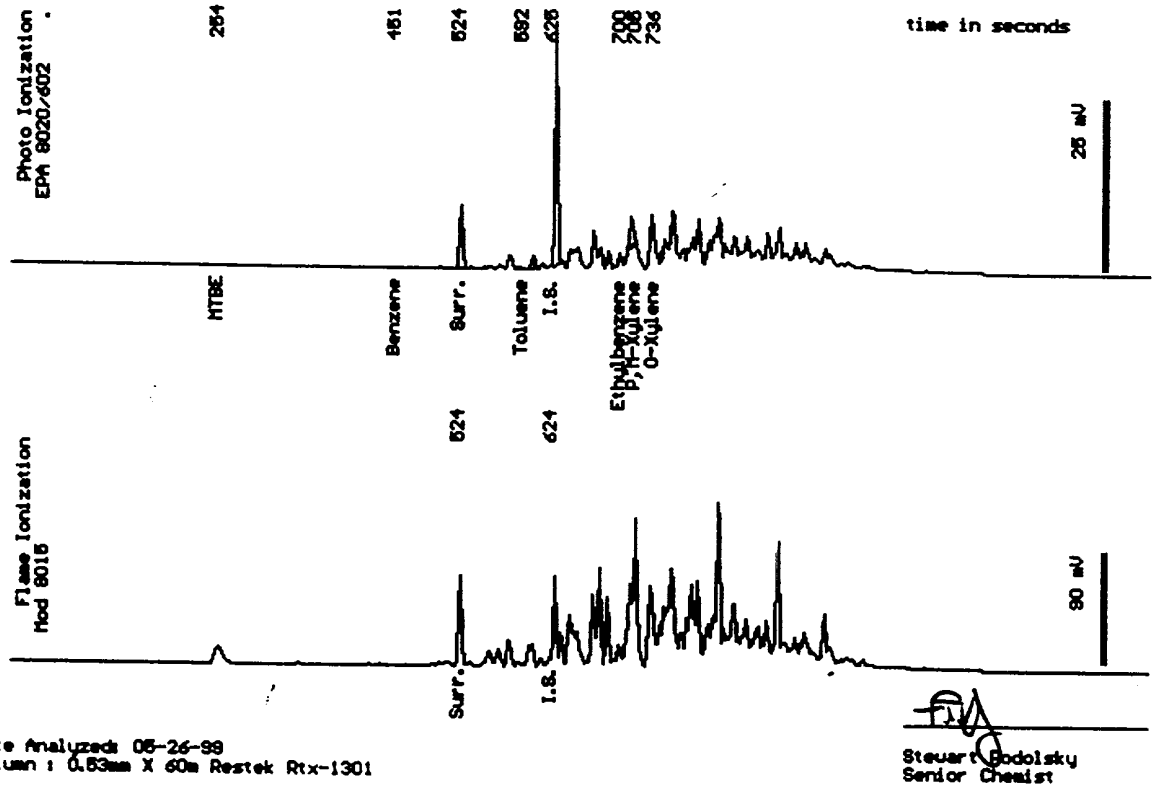
Sample Log 20048
20048-08

Sample: 07-905-045-08

From : (Proj. # 07-905-045)
Sampled : / /
Dilution : 1:1
Matrix : Soil

Run Log : 2180N

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Gasoline	(1.0)	2.4
Surrogate Recovery		103 %



Date Analyzed: 05-26-99
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

Acculabs Inc.
Davis
1046 Olive Drive, Davis CA 95616 ▪ 530-757-0920 ▪ Fax 753-6091

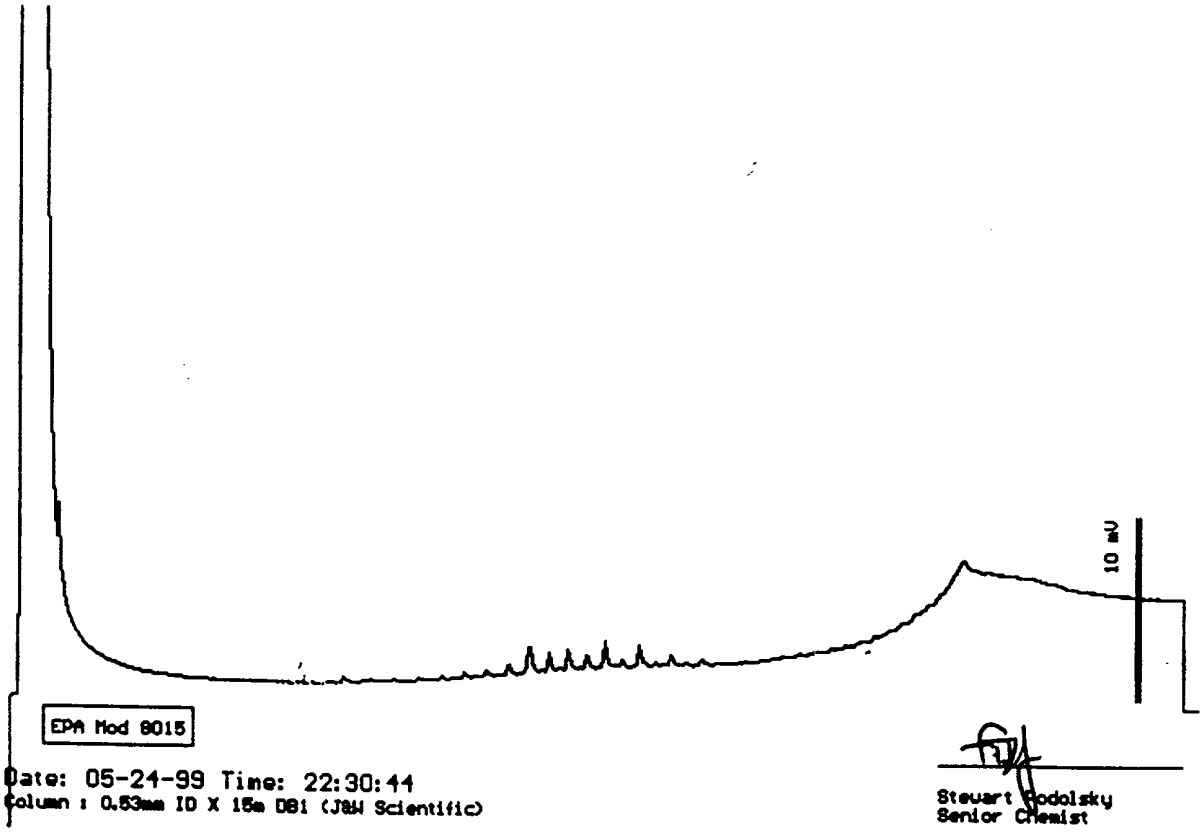
Sample Log 20048
20048-08

Sample: **07-905-045-08**

From : (Proj. # 07-905-045)
Sampled : / /
Extracted: 05/24/99
Dilution : 1:5
Matrix : Soil

QC Batch : DS990506
Run Log : 7437H

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(5.0)	<5.0



Acculabs Inc.

May 25, 1999

QC Report
TPH Diesel by 8015 Mod

QC Batch: DS990506

Matrix: Soil

Spike and Spike Duplicate Results

Parameter	Matrix Spike (%Rec)	Matrix Spike Dup. (%Rec)	RPD %
TPH as Diesel	101	103	2

Laboratory Control Spike

Parameter	Laboratory Control Spike (%Rec)
TPH as Diesel	99

Method Blank

Parameter	MDL(mg/Kg)	Measured Value(mg/Kg)
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	<10

Tom Kwoka
Lab Director

Acculabs Inc.

May 25, 1999
Sample Log 20048

QC Report for EPA 8020 & Modified EPA 8015
Run Log : 2180K
From : (Proj. # 07-905-045)
Sample(s) Received : 05/20/99

Parameter	Matrix Spike % Recovery	Matrix Spike Duplicate % Recovery	RPD *
Benzene	105	103	2
Ethylbenzene	98	96	2
TPH as Gasoline	102	104	2

* RPD = Relative Percent Difference

Parameter	Laboratory Control Sample % Recovery
Benzene	99
Ethylbenzene	97
Gasoline	98

Parameter	Method Blank
Benzene	<0.005 mg/Kg
Toluene	<0.005 mg/Kg
Ethylbenzene	<0.005 mg/Kg
Total Xylenes	<0.005 mg/Kg
TPH as Gasoline	<1.0 mg/kg

Tom Kwoka
Lab Director

F8733 Rev. A

Acculabs Inc.

[ ] 1725 W. 17th. St. Tempe AZ 85281 602-967-1310 Fax 967-1019
[ ] 4455 S Park Ave. Tucson AZ 85714 520-807-3801 Fax 807-3803
[ ] 2029 N. 4th St. Flagstaff AZ 86004 520-774-7643 Fax 774-7648
[ ] 1046 Olive Drive Davis CA 95616 530-757-0920 Fax 753-6091
[ ] 75 Suttle St. Durango CO 81301 970-247-4220 Fax 247-4227
[ ] 4663 Table Mountain Dr. Golden CO 80403 303-277-9514 Fax 277-9512
[ ] 992 Spice Islands Dr. Sparks NV 89431 775-355-0202 Fax 355-0817

Lab Number: 07-905045-8
Report Due Date:

Client: Burlington Resources Rincon Oilfield		Fax Results Y N	Page of
Address		PUBLIC WATER SUPPLY INFORMATION	
City, State & Zip: Farmington, NM 87401		System Name	
Contact: Frank McDonald		PWS No.	Report to State/EPA Y N
Phone: (505) 327-4787	Collector's Name: Virgil Chavez	POE No.	DWR No.
Fax	Project Name: Duff #4	Collection Point: C. Bluc 6"	
P.O. Number	Project Number	Location (City)	

SAMPLE TYPE CODES

DW = drinking water; WW = waste water; MW = monitoring well; HW = hazardous waste; TB = travel blank; SD = solid; SO = soil; SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED

Standard X
RUSH
Special

Lab Manager Approval

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample Type	# Containers	Preservative	Analyses Requested: 8015 GRO/DRO	Spl. No.
Duff #4	5/2/05	09:40	SO	1	X		
	5/1/05						

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT			Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N	5/2/05	15:50		
Custody Seals	Y	N				
Seals Intact	Y	N				
No. of Containers						

Acculabs terms are Net 40 (Payment must be received by the date shown on the invoice or any discount is void)

301E