

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

OK
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: Vasaly # 3

Well Name

Location: Unit or Qtr/Qtr Sec K Sec 31 T 32N R 11W County San Juan

Pit Type: Separator Dehydrator Other Abandoned

Land Type: BLM State Fee X Other

Pit Location: Pit dimensions: Length 15 ft width 15 ft depth 2 ft
(Attach diagram)

Reference: wellhead X other

Footage from reference: 75 ft

Direction from reference: 20 Degrees X East North
West South X

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

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: Less than 200 feet (20 points)
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, 200 feet to 1000 feet (10 points)
irrigation canals and ditches.) X Greater than 1000 feet (0 points) 0

P:\pits\PrC@.WK3

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 5/17/99Date Completed: 5/17/99

Excavation _____

Approx. cubic yards 0

Landfarmed _____

Insitu Bioremediation _____

Other _____

Remediation Method:

Onsite _____

Offsite _____

(Check all appropriate
sections)

General Description of Remedial Action : On 5/17/99, the pit was sampled at a depth of 5 feet. A soil sample was obtained from the center bottom of the pit at a depth of 5 feet (3 feet below pit bottom) utilizing U.S.E.P.A. protocol and sent to Acculabs Inc. for GRO/DRO and BTEX analysis. Results provided concentrations below NMOCD guidelines.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Closest Sampling:
(if multiple samples,
attach sample resultsand diagram of sample
locations and depths)Sample location Center BottomSample depth 5 feetSample date 5/17/99Sample time 10:11

Sample Results

Benzene(ppm) <0.0050Total BTEX (PPM) <0.0200Field Headspace (ppm) 291TPH <2.0Ground 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 7/1/99PRINTED NAME Ed HaselySIGNATURE Ed Haselyand TITLE Sr. Staff Environmental Representative

Date Started: May 17 1999 **Date Completed:** May 17 1999

Quad : K
Section : 31

Range: 11W Township: 32N

from wellhead

Yds. Excavated : 0

Nearest Water Source:

NMCD Ranking Score:

TPH Closure Standard:	5000	11		
		12		

Soil is moist, brown clay/clay loam. No hydrocarbon staining or odor.

Soil sample was taken at center bottom at 5 feet and sent to Acculabs for GRO/DRO and BTEX analysis.

Pit Profile : North to South :

60

3

Pit Profile : East to West :

ROAD

Entrance

Entrance

North

Meter Run

Well Head

Surface Gradient

Earthen Pit



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.: 07-905-045-03

Date Received: 05/20/99

Date Reported: 05/27/99

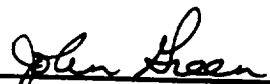
QC Batches:

PROJECT NAME: Burlington
PROJECT NUMBER: 0
SAMPLE I.D.: Vasaly #3

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

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	DATE UNITS ANALYZED	ANALYST
GRO/DRO	8015		See Attached			
BETX	8021		See Attached			


John Green, Laboratory Manager

Tempe ■ Tucson ■ Flagstaff ■ Davis/Sacramento ■ Durango ■ Golden ■ Sparks/Reno



Acculabs Inc.

Davis

1046 Olive Drive, Davis CA 95616 ■ 530-757-0920 ■ Fax 753-6091

Sample Log 20048

20048-03

Sample: 07-905-045-03

From : (Proj. # 07-905-045)

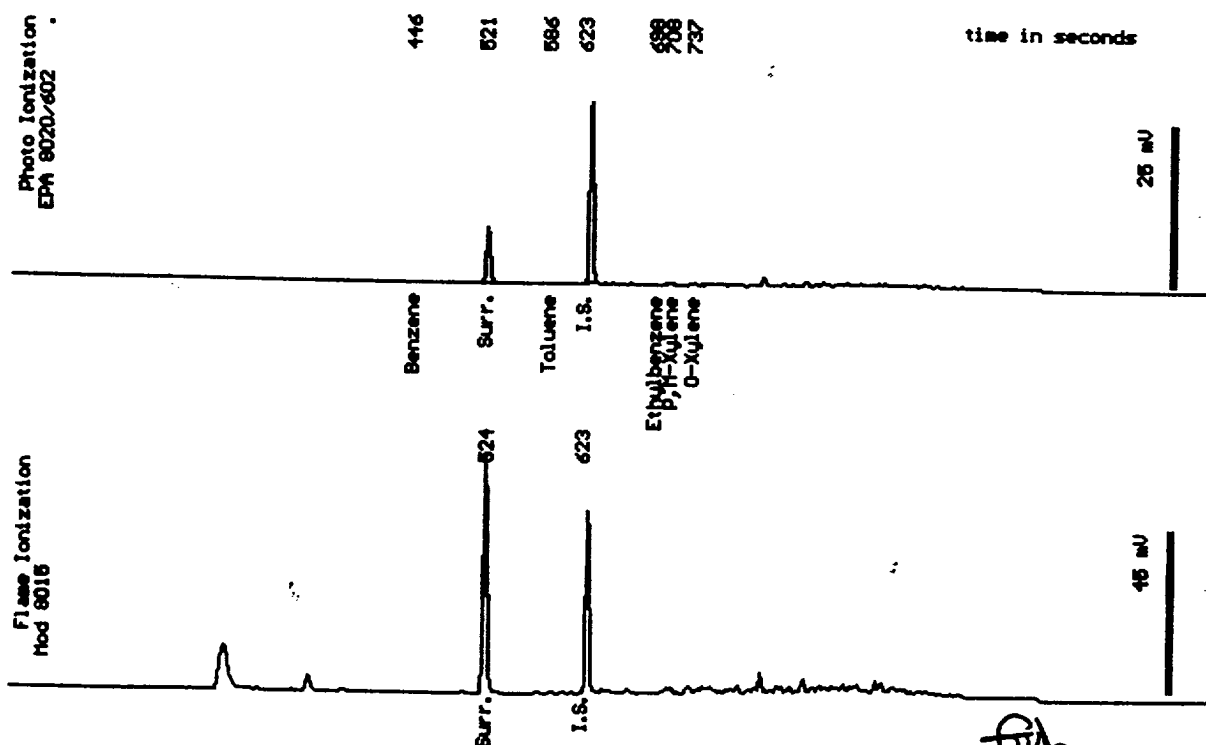
Sampled : / /

Dilution : 1:1

Matrix : Soil

Run Log : 2180K

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		101 %



Date Analyzed: 05-24-88
Column: 0.53mm X 60m Restek Rtx-1301

Stewart Rodolsky
Senior Chemist

Tempe ■ Tucson ■ Flagstaff ■ Davis/Sacramento ■ Durango ■ Golden ■ Sparks/Reno



Acculabs Inc.

Davis

1046 Olive Drive, Davis CA 95616 • 530-757-0920 • Fax 753-6091

Sample Log 20048
20048-03

Sample: 07-905-045-03

From : (Proj. # 07-905-045)

Sampled : / /

Extracted: 05/24/99

Dilution : 1:1

Matrix : Soil

QC Batch : DS990506

Run Log : 7437H

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0

EPA Mod 8015

Date: 05-24-99 Time: 19:37:55
Column : 0.53mm ID X 15m DB1 (J&W Scientific)


Stewart Podolsky
Senior Chemist

Tempe • Tucson • Flagstaff • Davis/Sacramento • Durango • Golden • Sparks/Reno

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

Acculabs Inc.

F8733 Rev. A

[] 1725 W. 17th. St. Tempe AZ 85281
 [] 4455 S. Park Ave. Tucson AZ 85714
 [] 2029 N. 4th St. Flagstaff AZ 86004
 [] 1046 Olive Drive Davis CA 95616
 [X] 75 Suttle St. Durango CO 81301
 [] 4663 Table Mountain Dr. Golden CO 80403
 [] 992 Spice Islands Dr. Sparks NV 89431

602-967-1310 Fax 967-1019
 520-807-3801 Fax 807-3803
 520-774-7643 Fax 774-7648
 530-757-0920 Fax 753-6091
 970-247-4220 Fax 247-4227
 303-277-9514 Fax 277-9512
 775-355-0202 Fax 355-0817

Lab Number

07-905-045-3

Report

Due Date:

Client Burlington Resources / Cimarron 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 Vasely #3

Collection Point C Btm @ 5'

P.O. Number

Project Number

Location (City)

SAMPLE TYPE CODES

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

Compliance Monitoring
 Y N

Analyses Requested

TURNAROUND TIME REQUESTED

Standard X

Lab Manager Approval

RUSH

Special

CLIENT'S SAMPLE ID/LOCATION

Date Time

Spl. No.

Vasely #3

5/17/99

10:11

SO

2

X

X

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT				Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N		5/20/99	15:50	<i>[Signature]</i>	<i>[Signature]</i>
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)