

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: San Juan 27-5 # 92

Well Name

Location: Unit or Qtr/Qtr Sec O Sec 36 T 27N R 5W County Rio Arriba

Pit Type: Separator Dehydrator Other Earthen Separator Pit

Land Type: BLM State X Fee Other

Pit Location: Pit dimensions: Length 10 ft width 10 ft depth 1 ft
(Attach diagram)

Reference: wellhead X other

Footage from reference: 60 ft

Direction from reference: 70 Degrees X East North X
West South

Depth to Ground Water: >100 feet
(vertical distance from
contaminants to seasonal
highwater elevation of
ground water)

Less than 50 feet	(20 points)	
50 ft to 99 feet	(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).

Yes	(20 points)	
<u>X</u> 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)	
<u>X</u> 200 feet to 1000 feet	(10 points)	
Greater than 1000 feet	(0 points)	<u>0</u>

P:\pits\PrrC@.WK3

RANKING SCORE (TOTAL POINTS): 0

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

Date Remediation Started: 5/18/99

Date Completed: 5/18/99

Excavation _____

Approx. cubic yards 0

Landfarmed _____

Insitu Bioremediation _____

Other _____

Remediation Method:

Onsite _____

Offsite _____

(Check all appropriate

sections)

General Description of Remedial Action : On 5/18/99, the pit was sampled at a depth of 4 feet. A soil sample was obtained from the center bottom of the pit at a depth of 4 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 4 feet

Sample date 5/18/99

Sample time 13:10

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 45.8

TPH <33

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 18, 1999 Date Completed: May 18, 1999

Location: San Juan 27-5 # 92

Overview of Location and Sampling:

Quad: O Section: 36

Range: 5W Township: 27N

Pit: Earthen Sep. Pit

Reference: 60° N 70 degrees E

from wellhead

Initial Size: 10' x 10' x 1' deep

Final Size: 10' x 10' x 1' deep

Yds. Excavated: 0

Depth to Groundwater:
Nearest Water Source:
Nearest Surface Water:
NMOCD Ranking Score:
TPH Closure Standard:

>100'	7		
>1000'	8		
>1000'	9		
0	10		
5000	11		
	12		

Comments: Top Soil - 2'6" soil is moist brown, clay loam with no

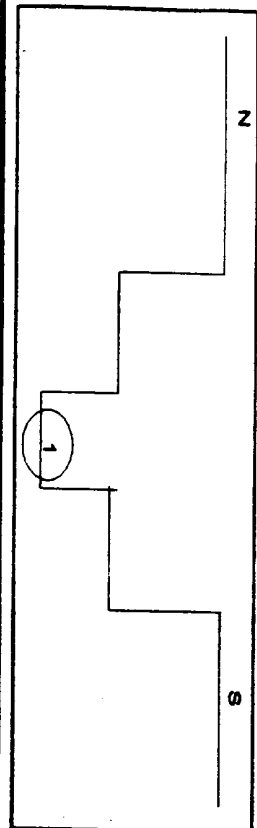
odor or staining.

2'6" - 3' soil is moist brown clay with a mild odor and slight

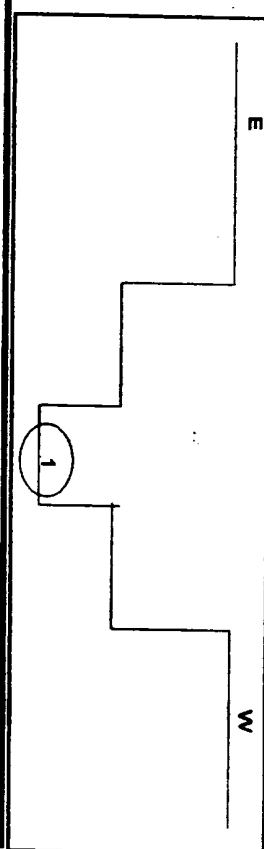
staining.
Soil sample was taken at center bottom at 4 feet and sent

to Acculabs for GRO/DRO analysis.

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.: 07-905-045-05

Date Received: 05/20/99

Date Reported: 05/27/99

QC Batches:

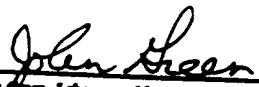
PROJECT NAME: Burlington
PROJECT NUMBER: 0
SAMPLE I.D.: San Juan 27-5#92

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

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

20048-05

Sample: 07-905-045-05

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

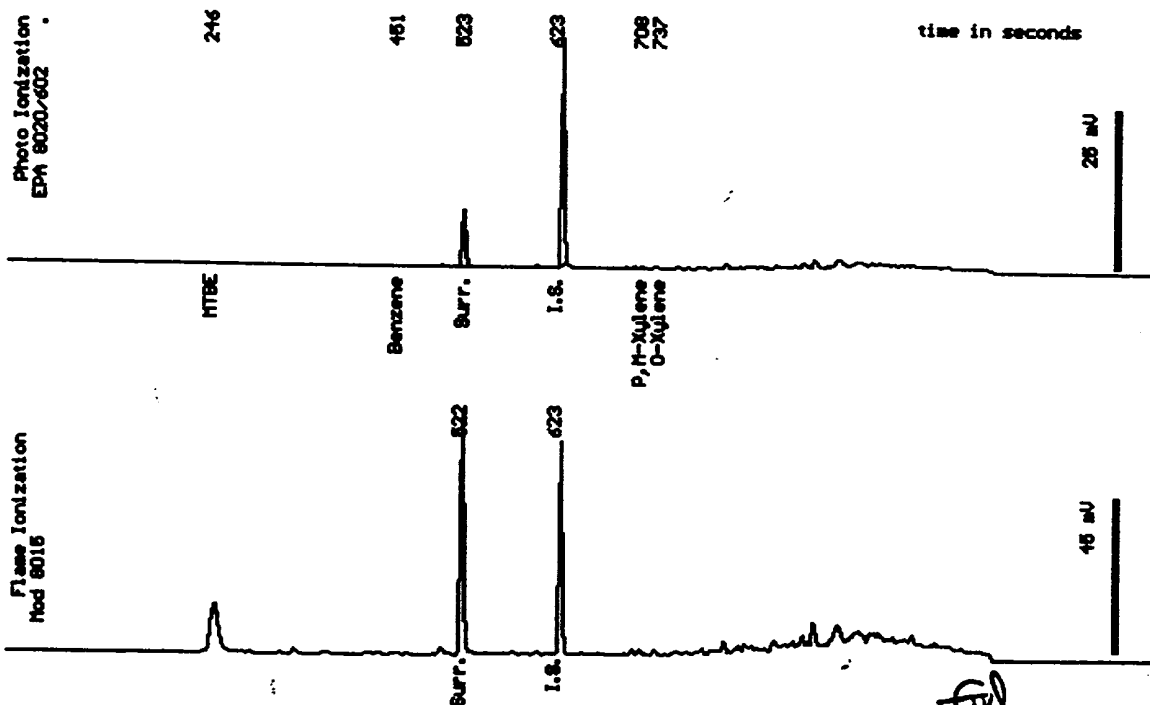
Sampled : / /

Dilution : 1:1

Matrix : Soil

Run Log : 2180K

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		91 %



Date Analyzed: 05-25-98
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

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



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Davis

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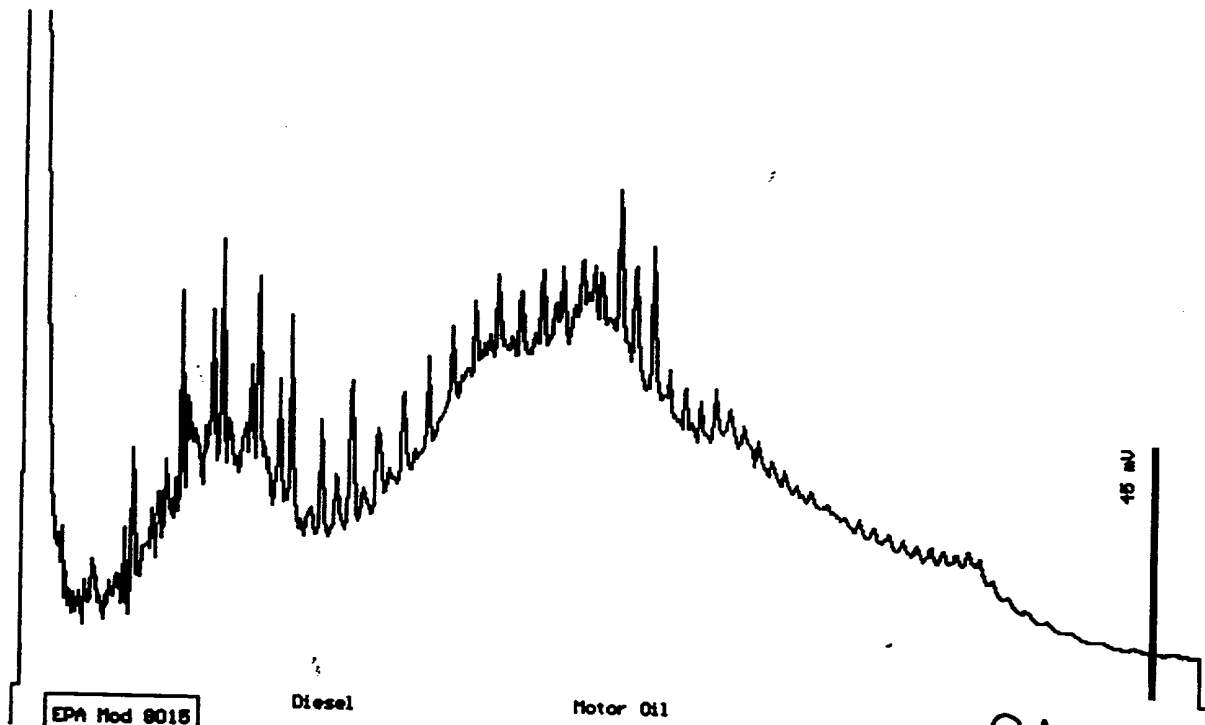
Sample Log 20048
20048-05

Sample: 07-905-045-05

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)	32



Date: 05-24-99 Time: 20:47:35
Column : 0.63mm ID X 15m DB1 (J&W Scientific)

[Signature]
Stewart Rodolsky
Senior Chemist

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

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
 [] 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

07-905-045-5

Report

Due Date:

Client *Burlington Resources / Cimarron Oilfield*

Address

City, State & Zip *Farmington, NM 87401*

Contact

Phone *Frank McDonald*

Collector's Name *Virgil Chavez*

Fax *(505) 327-4737*

Project Name *San Juan 27-5 #92*

P.O. Number

Project Number

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

RUSH

Special

Lab Manager
 Approval

CLIENT'S SAMPLE ID/LOCATION

San Juan 27-5 #92

5/14/15

15:10

SD

1

X

Spl. No.

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT

Date

Time

Samples Relinquished By

Samples Received By

Received Cold Y N

5/20/15

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)