

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 95184 Location: Reams Com # 3
 Operator #: 0203 Operator Name: Ameco P/L District: afro
 Coordinates: Letter: K Section 19 Township: 26 Range: 06
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator X Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 9-12-95 Area: 06 Run: 61

SITE ASSESSMENT

NMOCD Zone:

(From NMOCD
Maps)

Inside

Outside

Land Type:

BLM ☒ (1)

State ☐ (2)

Fee ☐ (3)

Indian _____

Depth to Groundwater

Less Than 50 Feet (20 points) ☒ (1)

50 Ft to 99 Ft (10 points) ☐ (2)

Greater Than 100 Ft (0 points) ☐ (3)

Wellhead Protection Area :

Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ (1) YES (20 points) ☒ (2) NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☒ (1)

200 Ft to 1000 Ft (10 points) ☐ (2)

Greater Than 1000 Ft (0 points) ☐ (3)

Name of Surface Water Body Dogie Canyon + Largo Canyon Wash

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)

☒ (2) > 100'

TOTAL HAZARD RANKING SCORE: 40 POINTS

REMARK

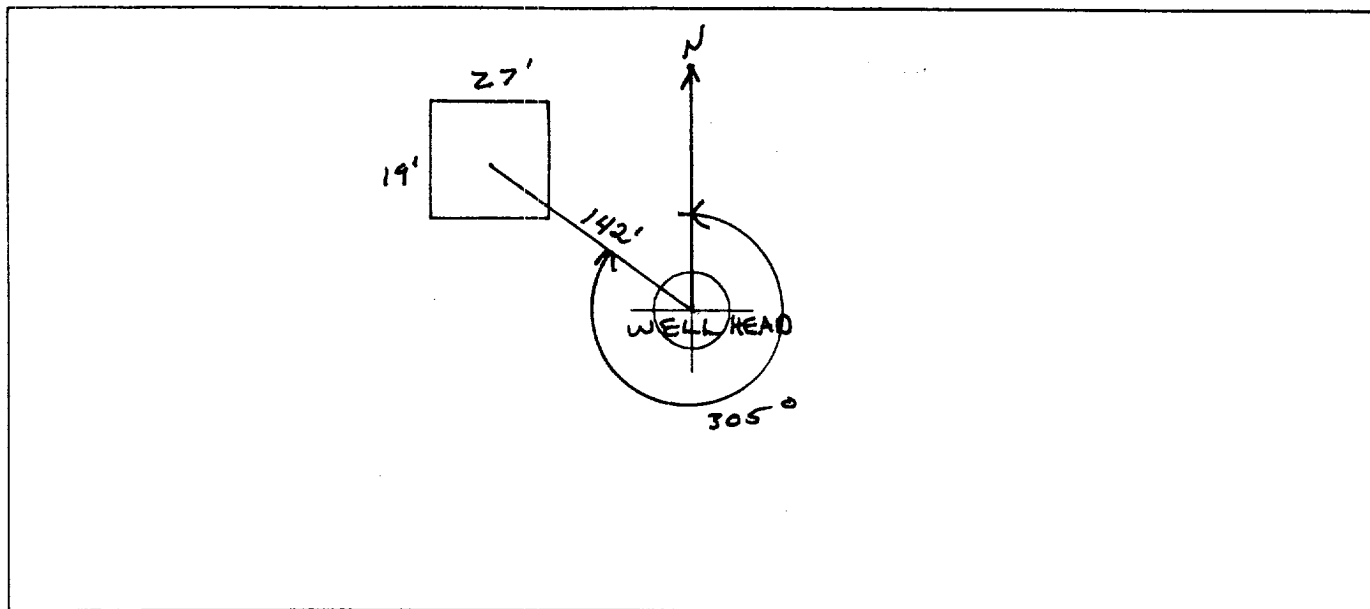
Remarks : Redline + Tape Both show inside VZ. 3 pits on loc. 1. S/T pit w/No line 2. Separator pit w/No liner 3. Dehy pit. Will close Dehy pit.

Dick + Hank

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 305° Footage from Wellhead 142'
b) Length : 27' Width : 19' Depth : 3'



REMARKS

Remarks :

photos: 4 pictBoth Loc. Rips go into single PitPit has water with o.k or product in it.

Completed By:

James J. Devereux
Signature

9-12-95
Date

PHASE I EXCAVATION

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 95184
95183 Location: Reams Com #3
Coordinates: Letter: K Section 19 Township: 26 Range: 06
Or Latitude _____ Longitude _____
Date Started : 9-25-95 Run: 06 61

FIELD OBSERVATIONS

Sample Number(s): MK 473
Sample Depth: 9' Feet
Final PID Reading 465 PPM PID Reading Depth 9' Feet
Yes No
Groundwater Encountered ☐ ☒ Approximate Depth _____ Feet

CLOSURE

Remediation Method :
Excavation ☒ Approx. Cubic Yards 150
Onsite Bioremediation ☐
Backfill Pit Without Excavation ☐
Soil Disposition:
Envirotech ☒ ☐ Tierra
Other Facility ☐ Name: _____
Pit Closure Date: 9-26-95 Pit Closed By: Philip

REMARKS

Remarks : Arrived pit Had about 3' of water & oil ^{waited}
for water truck Hit Rock 9' soil Black strong HYDROCARBON
odor Bottom - 180 PPM N-well 239 PPM S-well 220 - Rock E-well
242 W-well ~~239~~ 298 PPM Rock 25 Pound Fertilizer

Signature of Specialist: Morgan Killion



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK 473	947531
MTR CODE SITE NAME:	95183/95184	Ream Com #3
SAMPLE DATE TIME (Hrs):	09-26-95	1200
PROJECT:	Phase I	
DATE OF TPH EXT. ANAL.:	9-27-95	
DATE OF BTEX EXT. ANAL.:	9/27/95	9/27/95
TYPE DESCRIPTION:	VC	Grey sand & clay

Field Remarks: (N-239)(S-220)(E-242)(W-289)

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	< 1	MG/KG	2	D		
TOLUENE	1.3	MG/KG	2	D		
ETHYL BENZENE	3.4	MG/KG	2	D		
TOTAL XYLENES	14.1	MG/KG	2	D		
TOTAL BTEX	18.8	MG/KG	2	D		
TPH (418.1)	15920	MG/KG			0.47	28
HEADSPACE PID	465	PPM				
PERCENT SOLIDS	85.2	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 93% for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: [Signature]

Date:

9-29-95

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*                               *
*      Test Method for          *
*      Oil and Grease and Petroleum Hydrocarbons      *
*      in Water and Soil       *
*                               *
*      Perkin-Elmer Model 1600 FT-IR                    *
*      Analysis Report    *
*****

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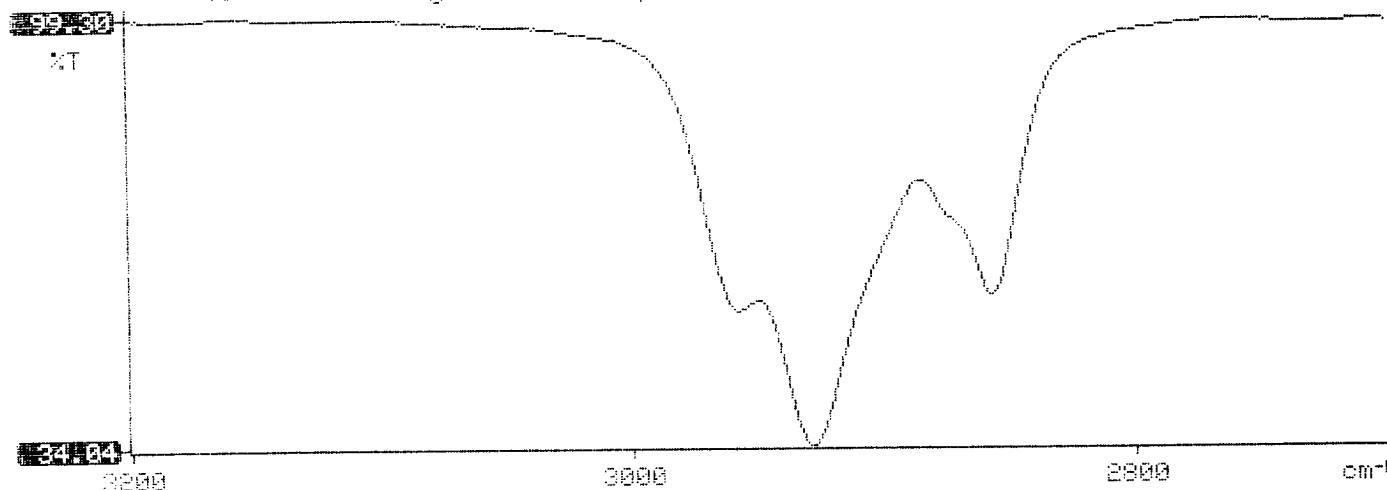
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*
* 93/09/27 17:15
*
* Sample identification
* 947531
*
* Initial mass of sample, g
* 0.470
*
* Volume of sample after extraction, ml
* 28.000
*
* Petroleum hydrocarbons, ppm
* 15916.583
* Net absorbance of hydrocarbons (2930 cm-1)
* 0.463
*
*
*

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Y: Petroleum hydrocarbons spectrum

17:15



BTEX SOIL SAMPLE WORKSHEET

File	:	947531	Date Printed	:	9/28/95
Soil Mass (g)	:	5.04	Multiplier (L/g)	:	0.00099
Extraction vol. (mL)	:	10	DF (Analytical)	:	400
Shot Volume (uL)	:	25	DF (Report)	:	0.39683

				Det. Limit
Benzene (ug/L)	:	1.61	Benzene (mg/Kg):	0.639 0.992
Toluene (ug/L)	:	3.38	Toluene (mg/Kg):	1.341 0.992
Ethylbenzene (ug/L)	:	8.66	Ethylbenzene (mg/Kg):	3.437 0.992
p & m-xylene (ug/L)	:	25.60	p & m-xylene (mg/Kg):	10.159 1.984
o-xylene (ug/L)	:	10.10	o-xylene (mg/Kg):	4.008 0.992
			Total xylenes (mg/Kg):	14.167 2.976
			Total BTEX (mg/Kg):	19.583

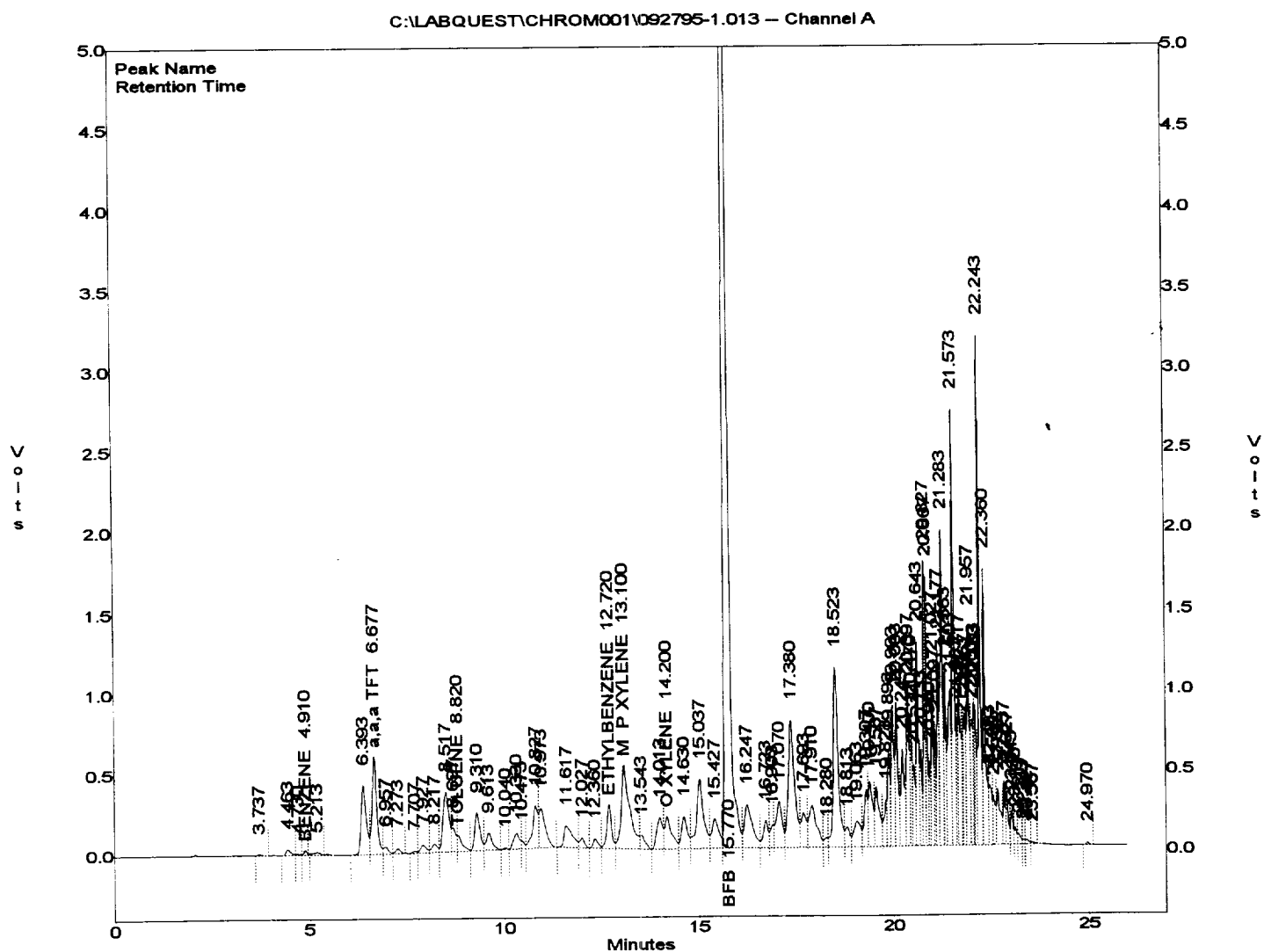
EL PASO NATURAL GAS

EPA METHOD 8020 - BTEX SOILS

File : C:\LABQUEST\CHROM001\092795-1.013
 Method : C:\LABQUEST\METHODS\9001.MET
 Sample ID : 947531,5.04G,25U
 Acquired : Sep 27, 1995 22:55:52
 Printed : Sep 27, 1995 23:22:22
 User : MARLON

Channel A Results

COMPONENT	RET TIME	AREA	CONC (ug/L)
BENZENE	4.910	174142	1.6128
a,a,a TFT	6.677	5143910	111.4189
TOLUENE	8.820	919217	3.3763
ETHYLBENZENE	12.720	2238269	8.6603
M & P XYLENE	13.100	7976176	25.6038
O XYLENE	14.200	2502154	10.1022
BFB	15.770	67448816	93.0467



BTEX SOIL SAMPLE WORKSHEET

File	:	947531	Date Printed	:	9/28/95
Soil Mass (g)	:	5.04	Multiplier (L/g)	:	0.00099
Extraction vol. (mL)	:	10	DF (Analytical)	:	1000
Shot Volume (uL)	:	10	DF (Report)	:	0.99206

				Det. Limit
Benzene (ug/L)	:	0.00	Benzene (mg/Kg):	0.000 2.480
Toluene (ug/L)	:	0.60	Toluene (mg/Kg):	0.595 2.480
Ethylbenzene (ug/L)	:	3.61	Ethylbenzene (mg/Kg):	3.581 2.480
p & m-xylene (ug/L)	:	10.60	p & m-xylene (mg/Kg):	10.516 4.960
o-xylene (ug/L)	:	4.31	o-xylene (mg/Kg):	4.276 2.480
			Total xylenes (mg/Kg):	14.792 7.440
			Total BTEX (mg/Kg):	18.968

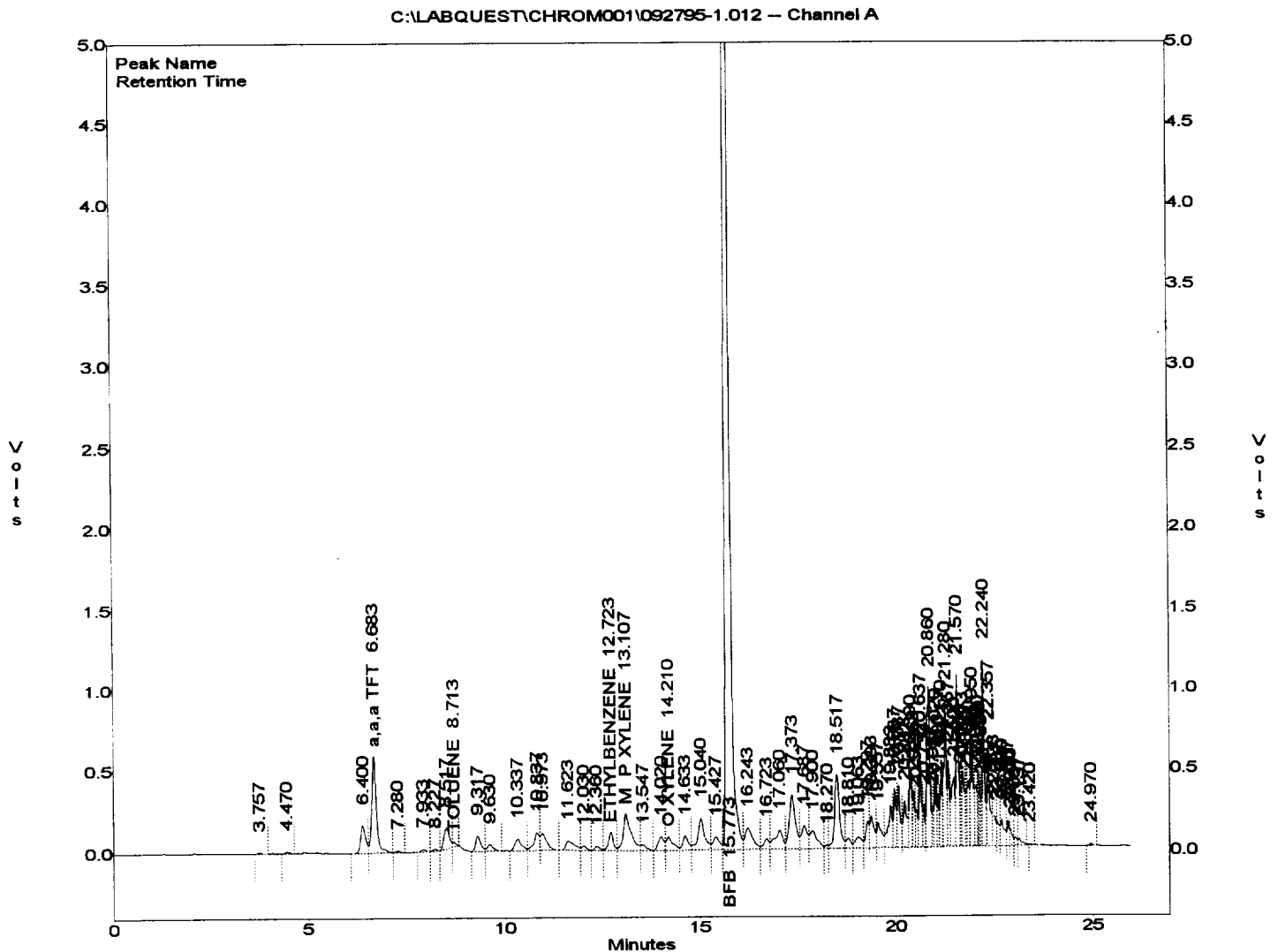
EL PASO NATURAL GAS

EPA METHOD 8020 - BTEX SOILS

File : C:\LABQUEST\CHROM001\092795-1.012
 Method : C:\LABQUEST\METHODS\9001.MET
 Sample ID : 947531,5.04G,10U
 Acquired : Sep 27, 1995 22:19:45
 Printed : Sep 27, 1995 22:46:14
 User : MARLON

Channel A Results

COMPONENT	RET TIME	AREA	CONC (ug/L)
BENZENE	4.917	0	0.0000
a,a,a TFT	6.683	4828971	104.5972
TOLUENE	8.713	166525	0.5996
ETHYLBENZENE	12.723	894027	3.6120
M & P XYLENE	13.107	3164446	10.5704
O XYLENE	14.210	1006026	4.3115
BFB	15.773	66868828	92.2466



PHASE II

RECORD OF SUBSURFACE EXPLORATION

Borehole # BH-1
Well # _____
Page 1 of 1

Philip Environmental Services Corp.
4000 Monroe Road
Farmington, New Mexico 87401
(505) 326-2262 FAX (505) 326-2388

Project Name EPNG Pits
Project Number 14509 Phase 601
Project Location Reams Com#3, 9518449518

Elevation _____
Borehole Location _____
GWL Depth _____
Logged By S.Kelly
Drilled By M. Donohue
Date/Time Started 11/19/95, 1105
Date/Time Completed 11/19/95, 1215

Well Logged By S.Kelly
Personnel On-Site M. Donohue, F. Rivera
Contractors On-Site _____
Client Personnel On-Site _____
Drilling Method 4 1/2" ID HSD
Air Monitoring Method CGI, PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDU			Drilling Conditions & Blow Counts
							BZ	BH	S	
0				Backfill to 9'						
5										
10										Drilling got slow at 10' like rock
15										
20	18-20	18-20	16 1/2 2.0	SILT, light brown, dense, dry				0 1		1135
25				TOB-20'						
30										
35										
40										

Comments:

18'-20' sample (SEK 97 and SEK 98 (dup.)) sent to lab. (RTEX 97PH) sample was bagged and iced prior to being put in jar. BH grouted to surface.

Geologist Signature

Sarah Kelly



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	SEK97	947717
MTR CODE SITE NAME:	95184/95183	Reams Com #3
SAMPLE DATE TIME (Hrs):	11-1-95	1135
PROJECT:	Phase II Drilling	
DATE OF TPH EXT. ANAL.:	11/3/95	
DATE OF BTEX EXT. ANAL.:	11/2/95	11/2/95
TYPE DESCRIPTION:	YG	BROWN SAND & CLAY

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	< 0.5	MG/KG				
TOLUENE	< 0.5	MG/KG				
ETHYL BENZENE	< 0.5	MG/KG				
TOTAL XYLENES	< 1.5	MG/KG				
TOTAL BTEX	< 3	MG/KG				
TPH (418.1)	< 10	MG/KG			2.10	28
HEADSPACE PID	1	PPM				
PERCENT SOLIDS	93.8	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 103% for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: JSL

Date: 11/7/95

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*                               *
*      Test Method for         *
*      Oil and Grease and Petroleum Hydrocarbons      *
*      in Water and Soil       *
*                               *
*      Perkin-Elmer Model 1600 FT-IR                  *
*      Analysis Report                               *
*****

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95/11/03 14:32

* Sample identification

947717

* Initial mass of sample, g

2.100

* Volume of sample after extraction, ml

28.000

* Petroleum hydrocarbons, ppm

1.445

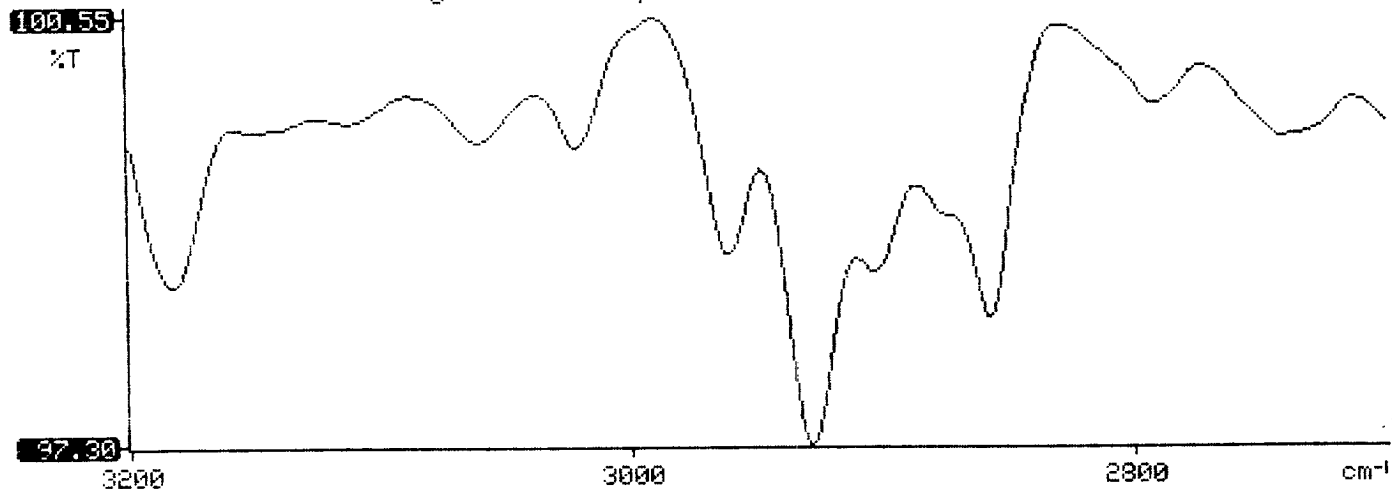
* Net absorbance of hydrocarbons (2930 cm⁻¹)

0.010

*
*
*

Y: Petroleum hydrocarbons spectrum

14:33



BTEX SOIL SAMPLE WORKSHEET

File	:	947717	Date Printed	:	11/3/95
Soil Mass (g)	:	5.00	Multiplier (L/g)	:	0.00100
Extraction vol. (mL)	:	10	CAL FACTOR (Analytical):		200
Shot Volume (uL)	:	50	CAL FACTOR (Report):		0.20000

		DILUTION FACTOR:	1	Det. Limit
Benzene (ug/L)	:	0.00	Benzene (mg/Kg):	0.000 0.500
Toluene (ug/L)	:	0.63	Toluene (mg/Kg):	0.126 0.500
Ethylbenzene (ug/L)	:	0.00	Ethylbenzene (mg/Kg):	0.000 0.500
p & m-xylene (ug/L)	:	0.40	p & m-xylene (mg/Kg):	0.080 1.000
o-xylene (ug/L)	:	0.00	o-xylene (mg/Kg):	0.000 0.500
			Total xylenes (mg/Kg):	0.080 1.500
			Total BTEX (mg/Kg):	0.206

EL PASO NATURAL GAS

EPA METHOD 8020 - BTEX SOILS

File : C:\LABQUEST\CHROM001\110295-1.005
 Method : C:\LABQUEST\METHODS\1-102795.MET
 Sample ID : 947717,5.00G,50U
 Acquired : Nov 02, 1995 19:36:44
 Printed : Nov 02, 1995 20:03:09
 User : MARLON

Channel A Results

COMPONENT	RET TIME	AREA	CONC (ug/L)
BENZENE	5.573	0	0.0000
a,a,a TFT	7.553	4672319	104.4890
TOLUENE	9.700	210574	0.6342
ETHYLBENZENE	13.790	0	0.0000
M & P XYLENE	14.220	141856	0.4045
O XYLENE	15.290	0	0.0000
BFB	16.927	62329092	102.6644

