

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

*Risk  
Plane  
defined*

Submit 1 copy to  
appropriate  
District Office  
and 1 copy to  
the Santa Fe Office  
(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco Telephone: \_\_\_\_\_

Address: 30-045-22519

Facility Or: Marron WN Fed #1A, Meter 89822  
Well Name \_\_\_\_\_

Location: Unit or Qtr/Qtr Sec E Sec 27 T 27 R 8 County Santa Fe

Pit Type: Separator \_\_\_\_\_ Dehydrator X Other \_\_\_\_\_

Land Type: BLM X, State \_\_\_\_\_, Fee \_\_\_\_\_ Other \_\_\_\_\_

Pit Location: Pit dimensions: length 17', width 17', depth 3'

(Attach diagram)

Reference: wellhead X, other \_\_\_\_\_

Footage from reference: 120'

Direction from reference: 74 Degrees X East North \_\_\_\_\_  
of  
\_\_\_\_\_ West South \_\_\_\_\_

Depth To Ground Water	Less than 50 feet	(20 points)
(Vertical distance from	50 feet to 99 feet	(10 points)
contaminants to seasonal	Greater than 100 feet	( 0 points) <u>10</u>
high water elevation of		
ground water.)		

Wellhead Protection Area:	Yes (20 points)
(Less than 200 feet from a private	No ( 0 points) <u>0</u>
domestic water source, or; less than	
1000 feet from all other water sources.)	

Distance To Surface Water:	Less than 200 feet	(20 points)
(Horizontal distance to perennial	200 feet to 1000 feet	(10 points)
lakes, ponds, rivers, streams, creeks,	Greater than 1000 feet	( 0 points) <u>0</u>
irrigation canals and ditches.)		

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 09/26/94 Date completed: 09/26/94

Remediation Method: Excavation \_\_\_\_\_ Approx. cubic yards \_\_\_\_\_

(Check all appropriate sections.)

Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_

Other Backfill pit without excavation

Remediation Location: Onsite N/A Offsite N/A

(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: 10 yds. fill

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 Four walls and center of pit composite

Sample depth 5'

Sample Date 09/26/94 Sample time 11:45

Sample Results

Benzene(ppm) Not reported

Total BTEX(ppm) Not reported

Field headspace(ppm) 144

TPH 3910

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

1/8/03

Signature

Scott T. Pope

Printed Name  
and Title

Scott T. Pope

Senior ENV. Scientist



## PIT CLOSURE REQUEST

Marron WN Fed #1A  
Meter/Line ID 89822

### SITE DETAILS

Legals - Twn: 27N

Rng: 8W

Sec: 27

Unit: E

NMOCD Hazard Ranking: 10

Land Type: BLM

Operator: Conoco

Pit Closure Date: 9/26/94

### RATIONALE FOR RISK-BASED CLOSURE

The pit noted above was assessed and ranked according to the criteria in the New Mexico Oil Conservation Division's (NMOCD) Unlined Surface Impoundment Closure Guidelines.

A test pit was excavated to 5 feet (ft) below ground surface (bgs) where sandstone was encountered and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit. Headspace analysis indicated an organic vapor content of 144 ppm; laboratory analysis indicated a TPH concentration of 3,910 mg/kg. The headspace analysis and TPH measurement exceeded recommended remediation levels for the Hazard Ranking Score of 10.

No soil was disposed of offsite. The pit was backfilled with site soil, topped with clean soil from the surrounding berms as well as 10 cubic yards of imported clean fill, and graded in a manner to direct surface runoff away from the pit area.

A Phase II boring was completed to 21 ft bgs. No groundwater was encountered in the soil boring. One laboratory sample was collected at 20-21 ft bgs. Headspace analysis indicated an organic vapor content of 10 ppm; laboratory analysis indicated a benzene concentration of <0.5 mg/kg, a total BTEX concentration of <3 mg/kg, and a TPH concentration of <20 mg/kg. The benzene, BTEX and TPH concentrations were below recommended remediation levels for the Hazard Ranking Score.

No Phase III activities were conducted.

El Paso Field Services requests closure of the above mentioned production pit location for the following reasons:

- The primary source, discharge to the pit, has been removed for over eight years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Bedrock was encountered at 5 feet bgs making further excavation impractical.
- The clean soil from the berms in combination with the imported clean fill placed on top of the excavation would limit the potential for direct contact with hazardous constituents by livestock or the public; i.e., current direct contact exposure pathways are unlikely to be completed.
- Groundwater was not encountered in the soil boring at 21 ft bgs; local geologic features indicate the depth to groundwater is greater than 50 ft bgs.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.



#### **PIT CLOSURE REQUEST**

---

- Benzene, total BTEX, and TPH concentrations in the soil sample collected at the base of the Phase II soil boring at 21 ft bgs were non-detect, indicating that no significant downward constituent migration is occurring.
- Residual hydrocarbons in soil are likely to degrade by natural attenuation with minimal risk to human health and the environment.

#### **ATTACHMENTS**

Field Pit Assessment Form

Revised Field Pit Assessment Form

Field Pit Remediation/Closure Form

Phase II Soil Boring Log

Laboratory Analytical Results

**REVISED**  
**FIELD PIT SITE ASSESSMENT FORM**

GENERAL

Meter: 89822 Location: Maroon WN Fed #1A  
 Operator #: \_\_\_\_\_ Operator Name: \_\_\_\_\_ P/L District: \_\_\_\_\_  
 Coordinates: Letter: E Section 27 Township: 27 Range: 8  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator \_\_\_\_\_ Location Drip: \_\_\_\_\_ Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: 2/25/98 Area: \_\_\_\_\_ Run: \_\_\_\_\_

SITE ASSESSMENT

**NMOCD Zone:**  
 (From NMOCD Maps) Inside ☐ (1) Outside ☒ (2)  
**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 \_\_\_\_\_  
 (Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)  
 Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)  
☐ (2) > 100'  
**TOTAL HAZARD RANKING SCORE:** 10 POINTS

REMARKS

Remarks : Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is < 100' vertical from center of Onofre Jaquez Canyon.

# FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>89822</u> Location: <u>Marron WN Fed. No. 1A</u></p> <p>Operator #: <u>0286</u> Operator Name: <u>Conoco</u> P/L District: <u>Ballard</u></p> <p>Coordinates: Letter: <u>E</u> Section <u>27</u> Township: <u>27</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>6/11/94</u> Area: <u>07</u> Run: <u>32</u></p>								
	<table border="0"> <tr> <td data-bbox="99 653 196 1818" rowspan="4">SITE ASSESSMENT</td> <td data-bbox="196 653 876 882"> <p><b>NMOCD Zone:</b> (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> </td> <td data-bbox="876 653 1601 882"> <p><b>Land Type:</b></p> <p>BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> </td> </tr> <tr> <td colspan="2" data-bbox="196 882 1601 1081"> <p><b>Depth to Groundwater</b></p> <p>Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> </td> </tr> <tr> <td colspan="2" data-bbox="196 1081 1601 1312"> <p><b>Wellhead Protection Area :</b></p> <p>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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> </td> </tr> <tr> <td colspan="2" data-bbox="196 1312 1601 1818"> <p><b>Horizontal Distance to Surface Water Body</b></p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1) 200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____</p> <p>(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) &lt; 100' (Navajo Pits Only) <input type="checkbox"/> (2) &gt; 100'</p> <p><b>TOTAL HAZARD RANKING SCORE:</b> <u>20</u> <b>POINTS</b></p> </td> </tr> </table>	SITE ASSESSMENT	<p><b>NMOCD Zone:</b> (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p>	<p><b>Land Type:</b></p> <p>BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p>	<p><b>Depth to Groundwater</b></p> <p>Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p>		<p><b>Wellhead Protection Area :</b></p> <p>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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p>		<p><b>Horizontal Distance to Surface Water Body</b></p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1) 200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____</p> <p>(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) &lt; 100' (Navajo Pits Only) <input type="checkbox"/> (2) &gt; 100'</p> <p><b>TOTAL HAZARD RANKING SCORE:</b> <u>20</u> <b>POINTS</b></p>
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	<p><b>Depth to Groundwater</b></p> <p>Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p>								
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REMARKS	<p>Remarks : <u>Redline Book + Vulnerable Zone Topo - Outside</u></p> <p><u>2 pits. Will close 1. Pit dry</u></p>								

PUSH-IN



## FIELD SERVICES LABORATORY

## ANALYTICAL REPORT

## PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

## SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 333	946218
MTR CODE   SITE NAME:	89822	N/A
SAMPLE DATE   TIME (Hrs):	9/26/94	1145
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	9/27/94	9/27/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Brown Sand & Clay

REMARKS:

## RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	3900 <sup>3910</sup> <sub>MDL 9/28/94</sub>	MG/KG			2.10	28
HEADSPACE PID	144	PPM				
PERCENT SOLIDS	87.9	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By: JDDate: 10/6/94

# FIELD PIT REMEDIATION/CLOSURE FORM

## GENERAL

Meter: 89822 Location: Murray W N Fed # 1A  
 Coordinates: Letter: E Section 27 Township: 27 Range: 8  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Date Started : 9-26-94 Run: 07 32

## FIELD OBSERVATIONS

Sample Number(s): VW333  
 Sample Depth: 5' Feet work 9/27/94  
 Final PID Reading 144 PID Reading Depth 5' Feet  
 Yes No  
 Groundwater Encountered ☐ ☒ Approximate Depth \_\_\_\_\_ Feet

## CLOSURE

Remediation Method :  
 Excavation ☒ work 10/14/94 Approx. Cubic Yards \_\_\_\_\_  
 Onsite Bioremediation ☐  
 Backfill Pit Without Excavation ☒ etc  
 Soil Disposition:  
 Envirotech ☐ ☐ Tierra  
 Other Facility ☐ Name: \_\_\_\_\_  
 Pit Closure Date: 9-26-94 Pit Closed By: BEI

## REMARKS

Remarks : 10 yds Fill

Signature of Specialist: Val Wilson





El Paso  
Natural Gas Company

CHAIN OF CUSTODY RECORD

Page \_\_\_\_\_ of \_\_\_\_\_

CONTRACT LABORATORY P. O. NUMBER

PROJECT NUMBER PROJECT NAME  
Pit Closure Project # 24324

SAMPLES (Signature) DATE: 9-26-94

LABID DATE TIME MATRIX SAMPLE NUMBER

REQUESTED ANALYSIS

TPH  
EPA 418.1  
BTX  
EPA 8020

SAMPLE TYPE  
TOTAL NUMBERS OF CONTAINERS

REMARKS

#

296

297

298

299

300

301

302

303

304

305

RECEIVED BY: (Signature)

DATE/TIME 28

RECEIVED BY: (Signature)

DATE/TIME 1030

RECEIVED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

RESULTS & INVOICES TO:

SAMPLE RECEIPT REMARKS

REQUESTED TURNAROUND TIME:

☐ ROUTINE ☐ RUSH

CARRIER CO.

CHARGE CODE

505-599-2144

FAX: 505-599-2261

FM-08-0565A (Rev. 03)

FIELD SERVICES LABORATORY  
EL PASO NATURAL GAS COMPANY  
P. O. BOX 4990  
FARMINGTON, NEW MEXICO 87499

[illegible]



FIELD SERVICES LABORATORY  
ANALYTICAL REPORT  
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	HAB36	980652
MTR CODE   SITE NAME:	89822	Marron WN Fed #1A
SAMPLE DATE   TIME (Hrs):	9/15/98	1153
PROJECT:	Phase II Drilling	
DATE OF TPH EXT.   ANAL.:	9/23/98	9/25/98
DATE OF BTEX EXT.   ANAL.:	9/17/98	9/17/98
TYPE   DESCRIPTION:	VG	SOIL

Field Remarks: 20-21'

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 (MOD.8015)	<20	MG/KG				
HEADSPACE PID	10	PPM				
PERCENT SOLIDS	92.9	%				

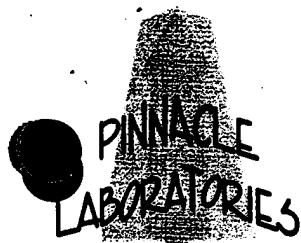
-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 89.0 % for this sample All QA/QC was acceptable.  
Narrative:

DF = Dilution Factor Used

Approved By: John Larcher

Date: 10/8/98



2709-D Pan American Freeway NE  
Albuquerque, New Mexico 87107  
Phone (505) 344-3777  
Fax (505) 344-4413

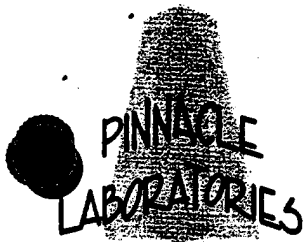
# GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)  
CLIENT : EL PASO FIELD SERVICES  
PROJECT # : (none)  
PROJECT NAME : PHASE II DRILLING

PINNACLE I.D.: 809047

SAMPLE		MATRIX	DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.		SAMPLED	EXTRACTED	ANALYZED	FACTOR
01	980648	NON-AQ	9/14/98	9/23/98	9/25/98	1
02	980649	NON-AQ	9/14/98	9/23/98	9/25/98	1
03	980650	NON-AQ	9/14/98	9/23/98	9/25/98	1
PARAMETER		DET. LIMIT	UNITS	01	02	03
FUEL HYDROCARBONS, C6-C10		10	MG/KG	55	< 10	< 10
FUEL HYDROCARBONS, C10-C22		5.0	MG/KG	610	< 5.0	< 5.0
FUEL HYDROCARBONS, C22-C36		5.0	MG/KG	420	< 5.0	< 5.0
CALCULATED SUM:				1085		
SURROGATE:						
O-TERPHENYL (%)				114	103	99
SURROGATE LIMITS		( 66 - 151 )				

CHEMIST NOTES:  
N/A



2709-D Pan American Freeway NE  
Albuquerque, New Mexico 87107  
Phone (505) 344-3777  
Fax (505) 344-4413

### GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)  
CLIENT : EL PASO FIELD SERVICES  
PROJECT # : (none)  
PROJECT NAME : PHASE II DRILLING

PINNACLE I.D.: 809047

SAMPLE		MATRIX	DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.		SAMPLED	EXTRACTED	ANALYZED	
04	980651	NON-AQ	9/15/98	9/23/98	9/25/98	1
05	980652	NON-AQ	9/15/98	9/23/98	9/25/98	1

PARAMETER	DET. LIMIT	UNITS.	04	05
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10
FUEL HYDROCARBONS, C10-C22	5.0	MG/KG	< 5.0	< 5.0
FUEL HYDROCARBONS, C22-C36	5.0	MG/KG	< 5.0	< 5.0

CALCULATED SUM:

SURROGATE:				
O-TERPHENYL (%)			101	101
SURROGATE LIMITS	( 66 - 151 )			

CHEMIST NOTES:  
N/A

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

[illegible]

PROJECT INFORMATION		PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS				RECEIVED BY: 2.	
PROJ. NO.:		(RUSH) <input type="checkbox"/> 24hr <input type="checkbox"/> 48hr <input type="checkbox"/> 72hr <input type="checkbox"/> 1 WEEK	(NORMAL) <input checked="" type="checkbox"/>			Signature:	Time:
PROJ. NAME:	Phase II Drilling	CERTIFICATION REQUIRED: <input type="checkbox"/> NM <input type="checkbox"/> SOWA <input type="checkbox"/> OTHER				Printed Name:	Date:
P.O. NO.:		METHANOL PRESERVATION <input type="checkbox"/>				Company:	
SHIPPED VIA: Fed Ex		COMMENTS: <input type="checkbox"/> FIXED FEE <input type="checkbox"/>				RECEIVED BY: (LAB) 2.	
SAMPLE RECEIPT						Signature:	Time:
NO. CONTAINERS	5					Printed Name:	Date:
CUSTODY SEALS	Q/N/NA					Company:	
RECEIVED INTACT	YES					Signature:	Time:
BLUE ICE/DIE	30C					Printed Name:	Date:

# RECORD OF SUBSURFACE EXPLORATION

PHILIP SERVICES CORP.

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole #

BH-

Well #

NA

Page

1

of

Project Number 19643

Phase 1001.77

Project Name EPFS PITS >10

Project Location MARRON UNFED #1A 8982

Elevation

Borehole Location LTR: E S: 27 T: 27 R: 8

GWL Depth

NA

Drilled By

K. PADILLA

Well Logged By

H. BRADBURY

Date Started

9/15/98

Date Completed

9/15/98

Drilling Method 4 1/4 ID HSA

Air Monitoring Method 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: PPM			Drilling Conditions & Blow Counts	
							BZ	BH	S/HS		
0				EXCAVATION SAMPLE COLLECTED AT 5'							BZ=Breathing Zone BH=Borehole S/HS=Sample/Headspace
5											
10	1	10-11	6	LT BR SANDSTONE MED SAND LOW CEMENTATION, DRY		0	172	361	213	1123 hrs	
15	2	15-16	6	LT GR SANDSTONE MED SAND, MOD CEMENTATION, DRY		0	148	73	21	1137 hrs	
20	3	20-21	6	LT BR SANDSTONE, FINE SAND, LOW CEMENTATION, DRY		1	199	23	10	1153 hrs	HARD drilling
25				TOB21							
30											
35											
40											

Comments:

HAB 36 20-21' SENT TO LAB FOR TPH BTEX GW NOT  
ENCOUNTERED. BH GRouted TO SURFACE

Geologist Signature

H. Bradbury

# BTEX SOIL SAMPLE WORKSHEET

File	:	980652	Date Printed	:	9/23/98
Soil Mass (g)	:	5.13	Multiplier (L/g)	:	0.00097
Extraction vol. (mL)	:	10	CAL FACTOR (Analytical):	:	200
Shot Volume (uL)	:	50	CAL FACTOR (Report):	:	0.19493

		DILUTION FACTOR:	1	Det. Limit
Benzene (ug/L)	:	<0.5	Benzene (mg/Kg): #VALUE!	0.487
Toluene (ug/L)	:	<0.5	Toluene (mg/Kg): #VALUE!	0.487
Ethylbenzene (ug/L)	:	1.03	Ethylbenzene (mg/Kg):	0.200 0.487
p & m-xylene (ug/L)	:	1.13	p & m-xylene (mg/Kg):	0.221 0.975
o-xylene (ug/L)	:	<0.5	o-xylene (mg/Kg): #VALUE!	0.487
			Total xylenes (mg/Kg): #VALUE!	1.462
			Total BTEX (mg/Kg): #VALUE!	