

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  
220 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

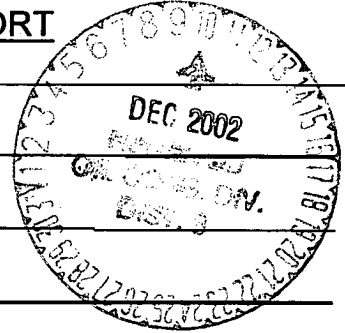
*Risk  
defined  
extent of  
plume*

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: Amoco Telephone: \_\_\_\_\_  
Address: 30-045-08924  
Facility Or: W.D. Heath B#2, Meter 72110  
Well Name \_\_\_\_\_  
Location: Unit or Qtr/Qtr Sec O Sec 31 T 30 R 9 County San Juan  
Pit Type: Separator \_\_\_\_\_ Dehydrator \_\_\_\_\_ Other Drip  
Land Type: BLM X, State \_\_\_\_\_, Fee \_\_\_\_\_ Other \_\_\_\_\_



Pit Location: Pit dimensions: length 18', width 14', depth 2'  
(Attach diagram)

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

Footage from reference: 96'

Direction from reference: 330 Degrees X East North \_\_\_\_\_  
of \_\_\_\_\_ West South \_\_\_\_\_

Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) ( 0 points) <u>10</u>
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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) 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 200 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) ( 0 points) <u>0</u>
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RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 06/07/94 Date completed: 06/07/94

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: Soil turned black after first 6". EPNG lines were marked.

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 12'

Sample Date 06/07/94 Sample time 10:30

Sample Results

Benzene(ppm) Not reported

Total BTEX(ppm) Not reported

Field headspace(ppm) 192

TPH 1090

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

W.D. Heath B#2  
Meter/Line ID 72110

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### SITE DETAILS

Legals - Twn: 30N

Rng: 9

Sec: 31

Unit: 0

NMOCD Hazard Ranking: 10

Land Type: BLM

Operator: Amoco

Pit Closure Date: 06/07/94

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### 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 12 feet (ft) below ground surface (bgs) 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 192 ppm; laboratory analysis indicated a TPH concentration of 1,090 mg/kg. The field 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, and graded in a manner to direct surface runoff away from the pit area.

A Phase II boring was completed with refusal at 32 ft below ground surface (bgs). No groundwater was encountered in the soil boring. One laboratory sample was collected at 31-32 ft bgs. Headspace analysis indicated an organic vapor content of 463 ppm; laboratory analysis indicated a benzene concentration of <0.5 mg/kg, a total BTEX concentration of 4.65 mg/kg, and a TPH concentration of 84 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 1,090 mg/kg TPH detected at 12 ft bgs is only slightly above the criterion of 1,000 mg/kg benchmark for straight closure.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- The clean soil from the berms 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 that reached 32 ft bgs; local geologic features indicate the depth to groundwater is at least 50 feet bgs.



## **PIT CLOSURE REQUEST**

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- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.
- Benzene, total BTEX, and TPH concentrations in the soil sample collected at the base of the Phase 2 soil boring were below their respective OCD Hazard Ranking criteria.
- TPH concentrations at 32 ft bgs were less than 10% of their concentration at 12 ft bgs, indicating that no significant downward constituent migration is occurring.

### **ATTACHMENTS**

Field Pit Assessment Form

Revised Field Pit Assessment Form

Field Pit Remediation/Closure Form

Phase 2 Soil Boring Log

Laboratory Analytical Results

# FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 72110 Location: W.D. HEATH B #2  
 Operator #: 0263 Operator Name: Amoco P/L District: Bloomfield  
 Coordinates: Letter: 0 Section 31 Township: 30 Range: 9  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator \_\_\_\_\_ Location Drip: X Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: 4.15.94 Area: 10 Run: 83

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, 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: 0 POINTS

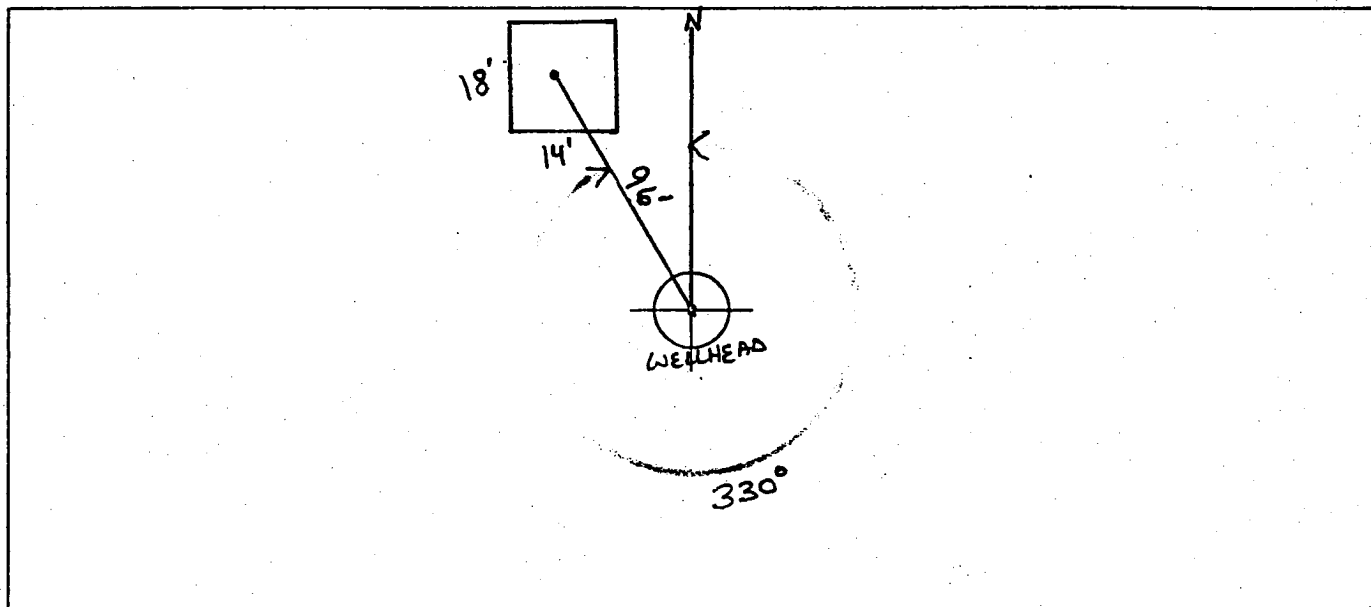
REMARKS

Remarks : TWO PITS ON LOCATION. WILL CLOSE ONLY ONE. PIT IS DRY. DO NOT KNOW WHY LOCATION IS IN THE WATER VULNERABLE ZONE.

ORIGINAL PIT LOCATION

## ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 330° Footage from Wellhead 96'  
b) Length : 18' Width : 14' Depth : 2'



REMARKS

Remarks :

STARTED TAKING PICTURES AT 10:08 A.M.END PUMP

Completed By:

Paul Thompson

Signature

4.15.94

Date

4-24-94  
RT

# FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 72110 Location: W.D. HEATH B #2  
 Operator #: \_\_\_\_\_ Operator Name: \_\_\_\_\_ P/L District: \_\_\_\_\_  
 Coordinates: Letter: \_\_\_\_\_ Section \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator \_\_\_\_\_ Location Drip: \_\_\_\_\_ Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: \_\_\_\_\_ Area: 10 Run: 83

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, 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:** 10 POINTS

MARKS

Remarks : \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

GENERAL

Meter: 72110 Location: WD Heath B #2  
 Operator #: \_\_\_\_\_ Operator Name: \_\_\_\_\_ P/L District: \_\_\_\_\_  
 Coordinates: Letter: O Section 31 Township: 30 Range: 9  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator \_\_\_\_\_ Location Drip: \_\_\_\_\_ Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: 2/13/98 Area: \_\_\_\_\_ Run: \_\_\_\_\_

SITE ASSESSMENT

**NMOCD Zone:**

(From NMOCD  
Maps)

Inside  
Outside

**Land Type:**

☐ (1)  
☒ (2)

BLM

State

Fee

Indian

☒ (1)  
☐ (2)  
☐ (3)

**Depth to Groundwater**

Less Than 50 Feet (20 points)

50 Ft to 99 Ft (10 points)

Greater Than 100 Ft (0 points)

☐ (1)  
☒ (2)  
☐ (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)

200 Ft to 1000 Ft (10 points)

Greater Than 1000 Ft (0 points)

☐ (1)  
☐ (2)  
☒ (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 Vaca Canyon.





## FIELD SERVICES LABORATORY

## ANALYTICAL REPORT

## PIT CLOSURE PROJECT - Soil

## SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	ML15	945389
MTR CODE   SITE NAME:	72110	N/A
SAMPLE DATE   TIME (Hrs):	6-7-94	1035
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	6/10/94	6/10/94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Brown/Grey Clay/Sand

REMARKS:

## RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE		MG/KG				
TOLUENE		MG/KG				
ETHYL BENZENE		MG/KG				
TOTAL XYLENES		MG/KG				
TOTAL BTEX		MG/KG				
TPH (418.1)	1090	MG/KG			2.11	28
HEADSPACE PID	192	PPM				
PERCENT SOLIDS	90.5	%				

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

The surrogate Recovery was at  
Narrative:

N/A % for this sample All QA/QC was acceptable.

DF = Dilution Factor Used

# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 72110 Location: WA Heath B#2

Coordinates: Letter: 0 Section 31 Township: 30 Range: 9

Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Date Started : 6-7-94 Area: 10 Run: 83

FIELD OBSERVATIONS

Sample Number(s): MK 15

Sample Depth: 12' Feet

Final PID Reading 192 PID Reading Depth 12' Feet

Yes No

Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth \_\_\_\_\_ Feet

CLOSURE

Remediation Method :

Excavation

☐ (1) Approx. Cubic Yards \_\_\_\_\_

Onsite Bioremediation

☐ (2)

Backfill Pit Without Excavation

☒ (3)

Soil Disposition:

Envirotech

☐ (1)

☐ (3)

Tierra

Other Facility

☐ (2)

Name: \_\_\_\_\_

Pit Closure Date: 6-7-94

Pit Closed By: BET

REMARKS

Remarks : SOIL TURNED BLACK AFTER THE FIRST 6" EPNG  
LINENS WERE MARKED

Signature of Specialist: Morgan Killian



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

FM-08-0565A (Rev. 03-94)

# RECORD OF SUBSURFACE EXPLORATION

PHILIP SERVICES CORP.

Monroe Road  
 Houston, New Mexico 87401  
 (505) 326-2262 FAX (505) 326-2388

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

Project Number 19643 Phase 1001.77  
 Project Name EPFS PITS >10  
 Project Location WD HEATH B#2 72110

Elevation \_\_\_\_\_  
 Borehole Location LTR: 0 S: 31 T: 30 R: 9  
 GWL Depth NA  
 Drilled By K. PADILLA  
 Well Logged By H. BRADBURY  
 Date Started 9/18/98  
 Date Completed 9/18/98

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										BZ=Breathing Zone BH=Borehole S/HS=Sample/Headspace
5										
10				EXCAVATION SAMPLE COLLECTED AT 12'						
15	1	15-17	24	LT GR SAND FINE SAND LOOSE, dry	SW		0	130	472 510	855 hrs
20	2	20-22	12	LT GR SAND. FINE SAND LOOSE, dry	SW		1	47	448 562	904 hrs
25	3	25-27	24	LT GR SANDY CLAY. FINE SAND, VERY SOFT, low plastic dry	CL		0	6	520 438 563	915 hrs
30	4	30-31	12	LT GR SANDY CLAY. FINE SAND, MED SHFT, MED plastic dry	CL		0	91	528 507	930 hrs drilling
35	5	32-33	12	LT GR SANDSTONE FINE SAND. high CEMENTATION, dry			0	12	806 463	947 hrs
40				TOB 33						

Comments:

HAB41 32-33' SENT to lab for TPH, BTEX. GW NOT ENCOUNTERED  
 AUGER REFUSAL AT 32'  
 BH GROUTED TO SURFACE

Geologist Signature

*Holly Bradbury*



FIELD SERVICES LABORATORY  
ANALYTICAL REPORT  
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	HAB41	980665
MTR CODE   SITE NAME:	72110	WD Heath B #2
SAMPLE DATE   TIME (Hrs):	9/18/98	0947
PROJECT:	Phase II Drilling	
DATE OF TPH EXT.   ANAL.:	9/25/98	9/26/98
DATE OF BTEX EXT.   ANAL.:	9/23/98	9/24/98
TYPE   DESCRIPTION:	VG	SOIL

Field Remarks: 32-33'

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	O	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	4.65	MG/KG				
TOTAL BTEX	4.65	MG/KG				
TPH (MOD.8015)	84	MG/KG				
HEADSPACE PID	463	PPM				
PERCENT SOLIDS	90.9	%				

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

The Surrogate Recovery was at 94.5 % for this sample All QA/QC was acceptable.  
ative:

DF = Dilution Factor Used

Approved By: Adrian Lumbani

Date: 10/26/98



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.: 809063

SAMPLE		MATRIX	DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.		SAMPLED	EXTRACTED	ANALYZED	FACTOR
01	980660	NON-AQ	9/16/98	9/25/98	10/7/98	1
02	980661	NON-AQ	9/16/98	9/25/98	10/7/98	1
03	980662	NON-AQ	9/16/98	9/25/98	10/7/98	1

PARAMETER	DET. LIMIT	UNITS	01	02	03
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C10-C22	5.0	MG/KG	< 5.0	< 5.0	< 5.0
FUEL HYDROCARBONS, C22-C36	5.0	MG/KG	< 5.0	< 5.0	< 5.0
CALCULATED SUM:					

SURROGATE:  
O-TERPHENYL (%)  
SURROGATE LIMITS ( 66 - 151 )  
89 92 96

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.: 809063

SAMPLE		MATRIX	DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.		SAMPLED	EXTRACTED	ANALYZED	FACTOR
04	980663	NON-AQ	9/16/98	9/25/98	9/26/98	1
05	980664	NON-AQ	9/16/98	9/25/98	9/26/98	1
06	980665	NON-AQ	9/18/98	9/25/98	9/26/98	1
PARAMETER		DET. LIMIT	UNITS	04	05	06
FUEL HYDROCARBONS, C6-C10		10	MG/KG	< 10	< 10	84
FUEL HYDROCARBONS, C10-C22		5.0	MG/KG	< 5.0	< 5.0	< 5.0
FUEL HYDROCARBONS, C22-C36		5.0	MG/KG	< 5.0	< 5.0	< 5.0
CALCULATED SUM:						84

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

123	138	119
-----	-----	-----

CHEMIST NOTES:  
N/A

**PINNACLE  
LABORATORIES**

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.: 809063

SAMPLE		MATRIX	DATE	DATE	DATE	DIL. FACTOR
ID. #	CLIENT I.D.		SAMPLED	EXTRACTED	ANALYZED	
07	980666	NON-AQ	9/18/98	9/25/98	9/26/98	1
08	980667	NON-AQ	9/18/98	9/25/98	9/26/98	1
09	980668	NON-AQ	9/21/98	9/25/98	9/26/98	1
PARAMETER		DET. LIMIT	UNITS	07	08	09
FUEL HYDROCARBONS, C6-C10		10	MG/KG	< 10	12	23
FUEL HYDROCARBONS, C10-C22		5.0	MG/KG	< 5.0	< 5.0	< 5.0
FUEL HYDROCARBONS, C22-C36		5.0	MG/KG	< 5.0	< 5.0	< 5.0
CALCULATED SUM:					12	23

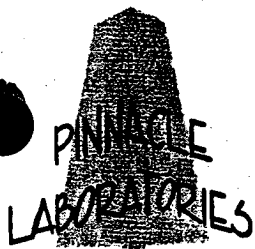
SURROGATE:  
O-TERPHENYL (%)  
SURROGATE LIMITS

( 66 - 151 )

113 117 96

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  
REAGENT BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)	PINNACLE I.D.	: 809063
BLANK I.D.	: 092598	DATE EXTRACTED	: 9/25/98
CLIENT	: EL PASO FIELD SERVICES	DATE ANALYZED	: 9/25/98
PROJECT #	: (none)	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: PHASE II DRILLING		

PARAMETER	UNITS	
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	MG/KG	< 5.0
FUEL HYDROCARBONS, C22-C36	MG/KG	< 5.0

SURROGATE: 126  
BIPHENYL (%)  
SURROGATE LIMITS ( 80 - 151 )

CHEMIST NOTES:  
N/A

# BTEX SOIL SAMPLE WORKSHEET

File	:	980665	Date Printed	:	9/25/98
Soil Mass (g)	:	5.19	Multiplier (L/g)	:	0.00096
Extraction vol. (mL)	:	10	CAL FACTOR (Analytical):		200
Shot Volume (uL)	:	50	CAL FACTOR (Report):		0.19268

		DILUTION FACTOR:	1	Det. Limit
Benzene (ug/L)	: <0.5	Benzene (mg/Kg):	#VALUE!	0.482
Toluene (ug/L)	: 2.46	Toluene (mg/Kg):	0.475	0.482
Ethylbenzene (ug/L)	: 1.21	Ethylbenzene (mg/Kg):	0.233	0.482
p & m-xylene (ug/L)	: 22.24	p & m-xylene (mg/Kg):	4.285	0.963
o-xylene (ug/L)	: 1.87	o-xylene (mg/Kg):	0.360	0.482
		Total xylenes (mg/Kg):	4.645	1.445
		Total BTEX (mg/Kg):	#VALUE!	



## CHAIN OF CUSTODY RECORD

12-9-98 Anal.  
12-17-98 Chem.

Page 1 of 1

CONTRACT LABORATORY P. O. NUMBER

White	Toxigenic Laboratory	Canary - FPNG 1st	Pink - Field Sampler

FM-08-0565 A (Rev. 05-94)

With a Testing Laboratory: Canary - EPNG / ab      Pink - Field Sampler

FM-08-0565 A (Rev. 05-94)

