

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

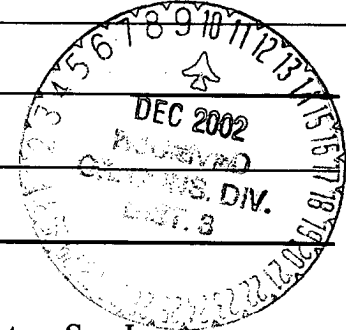
*Risk
deferral
extent
of
plume*

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: 30-045-09706
Facility Or: E.E. ELLIOT C#2, Meter 72410
Well Name _____
Location: Unit or Qtr/Qtr Sec F Sec 9 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 17', depth 1'
(Attach diagram)

Reference: wellhead X, other _____

Footage from reference: 178'

Direction from reference: 286 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	(20 points)
	50 feet to 99 feet	(10 points)
	Greater than 100 feet	(0 points) <u>10</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)
	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)
	200 feet to 1000 feet	(10 points)
	Greater than 1000 feet	(0 points) <u>0</u>

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 05/17/94 Date completed: 05/17/94

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: No line markers

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 05/17/94 Sample time 13:00

Sample Results

Benzene(ppm) Not reported

Total BTEX(ppm) Not reported

Field headspace(ppm) 214

TPH 2090

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

1/8/08

Signature

Scott T. Pope

Printed Name

Scott T. Pope

and Title

Senior Env. Scientist



PIT CLOSURE REQUEST

E.E. Elliot C#2
Meter/Line ID 72410

SITE DETAILS

Legals - Twn: 30N

Rng: 9

Sec: 9

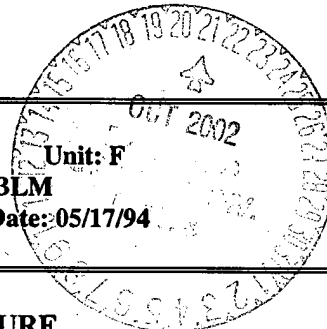
Unit: F

NMOCD Hazard Ranking: 10

Land Type: BLM

Operator: Amoco

Pit Closure Date: 05/17/94



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 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 214 ppm; laboratory analysis indicated a TPH concentration of 2,090 mg/kg. The field headspace analysis and TPH measurement were above required 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 34 ft bgs. No groundwater was encountered in the soil boring. One laboratory sample was collected at 33-34 ft bgs. Headspace analysis indicated an organic vapor content of 22 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 seven years.
- Residual hydrocarbons in the soil will degrade by natural attenuation with minimal risk to the environment.
- 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 to 34 ft bgs; local geologic features indicate the depth to groundwater is at least 50 feet bgs.



PIT CLOSURE REQUEST

- 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 non-detect.

ATTACHMENTS

Field Pit Assessment Form

Revised Field Pit Assessment Form

Field Pit Remediation/Closure Form

Phase 2 Soil Boring Log

Laboratory Analytical Results

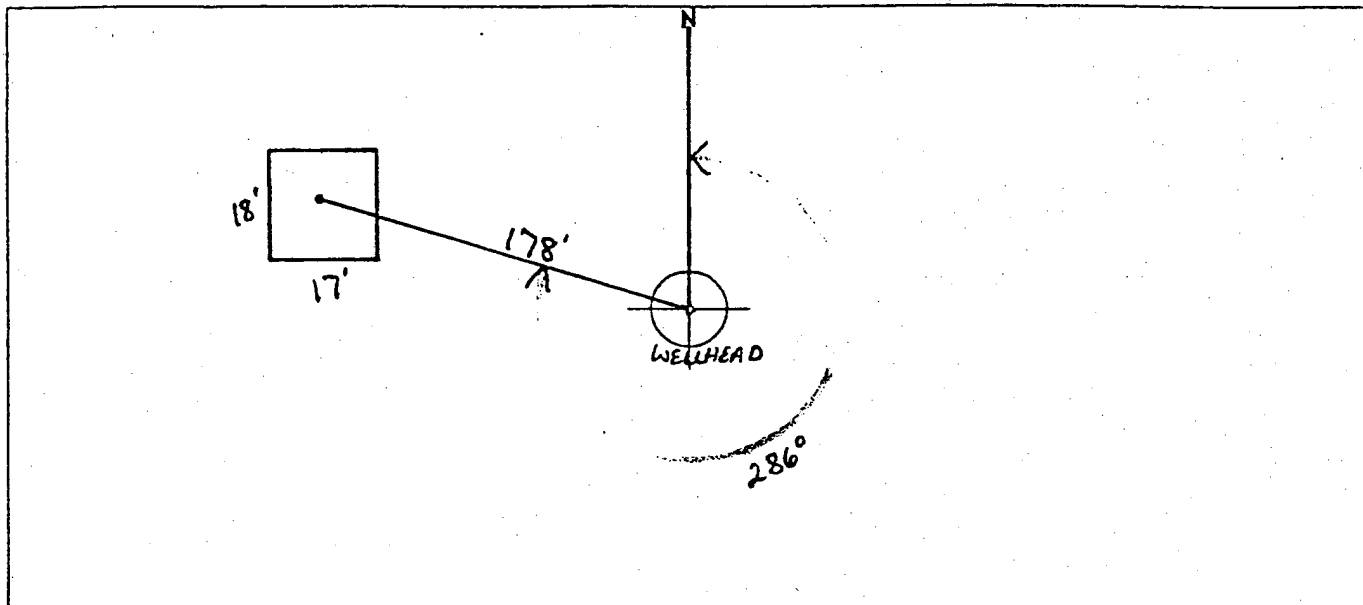
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>72410</u> Location: <u>E.E. ELLIOTT C#2</u></p> <p>Operator #: <u>0203</u> Operator Name: <u>AMOCO</u> P/L District: <u>BLOOMFIELD</u></p> <p>Coordinates: Letter: <u>F</u> Section <u>9</u> Township: <u>30</u> Range: <u>9</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4.19.94</u> Area: <u>10</u> Run: <u>33</u></p>	
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps) Inside <input checked="" type="checkbox"/> (1) Outside <input type="checkbox"/> (2)</p> <p>Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input type="checkbox"/> (1)</p> <p>50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2)</p> <p>Greater Than 100 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Wellhead Protection Area :</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>Horizontal Distance to Surface Water Body</p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p>200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2)</p> <p>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) < 100' (Navajo Pits Only)</p> <p><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS</p>	
REMARKS	<p>Remarks : <u>ONLY PIT ON LOCATION. PIT IS DRY. DO NOT KNOW WHY LOCATION IS IN THE WATER VULNERABLE ZONE.</u></p>	

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 286° Footage from Wellhead 178'
b) Length : 18' Width : 12' Depth : 1'



REMARKS

Remarks :

STARTED TAKING PICTURES AT 2:44 P.M.
END DUMP

Completed By:

Paul Thompson

Signature

4-19-94

Date

4.24.94
RT

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 72410 Location: E.E. ELLIOT C #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: 33

SITE ASSESSMENT

NMOCD Zone:
(From NMOCD
Maps)

Inside
Outside

Land Type:

BLM ☐ (1)
 State ☐ (2)
 Fee ☐ (3)
 Indian _____

☐ (1)
☒ (2)

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: 72410 Location: EE Elliot # C#2
 Operator #: _____ Operator Name: _____ P/L District: _____
 Coordinates: Letter: F Section 9 Township: 30 Range: 9
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____
 Site Assessment Date: 2/26/98 Area: _____ Run: _____

SITE ASSESSMENT

NMOCD Zone:

(From NMOCD
Maps)

Inside

Outside

Land Type:

BLM

State

Fee

Indian

☒ (1)

☐ (2)

☐ (3)

☐ (1)

☒ (2)

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 feet from center of Caballo Canyon.



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW94	94S211
MTR CODE SITE NAME:	72410	N/A
SAMPLE DATE TIME (Hrs):	5-17-94	1300
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	5-18-94	5/18/94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Grey sand & clay

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)	2090	MG/KG			2.03	28
HEADSPACE PID	214	PPM				
PERCENT SOLIDS	89.3	%				

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

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

DF = Dilution Factor Used

Approved By:

[Signature]

Date:

5/24/94

FIELD T REMEDIATION/CLOSURE FORM

GENERAL

Meter: 7240 Location: E.E. Elliott C#2
 Coordinates: Letter: F Section 9 Township: 30 Range: 9
 Or Latitude _____ Longitude _____
 Date Started : 5-17-94 Area: 10 Run: 33

FIELD OBSERVATIONS

Sample Number(s): VW94
 Sample Depth: 12' Feet
 Final PID Reading 214 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: 5-17-94 Pit Closed By: BET

REMARKS

Remarks : No line markers

Signature of Specialist: Vale Wilson



CHAIN OF CUSTODY RECORD

PROJECT NUMBER		PROJECT NAME		PROJECT ANALYSIS		REQUESTED ANALYSIS		CONTINUED LABORATORY P. O. NUMBER	
LABORATORY P. O. NUMBER		PROJECT NAME		PROJECT ANALYSIS		REQUESTED ANALYSIS		CONTINUED LABORATORY P. O. NUMBER	
LABORATORY P. O. NUMBER		PROJECT NAME		PROJECT ANALYSIS		REQUESTED ANALYSIS		CONTINUED LABORATORY P. O. NUMBER	
Pit Closure Project # 24324		Pit Closure Project # 24324		Pit Closure Project # 24324		Pit Closure Project # 24324		Pit Closure Project # 24324	
DATE: 5/17/94		DATE: 5/17/94		DATE: 5/17/94		DATE: 5/17/94		DATE: 5/17/94	
SAMPLERS: (Signature) Wade Wilson		SAMPLERS: (Signature) Wade Wilson		SAMPLERS: (Signature) Wade Wilson		SAMPLERS: (Signature) Wade Wilson		SAMPLERS: (Signature) Wade Wilson	
LAB ID	DATE	TIME	MATRIX	SAMPLE NUMBER	TOTAL NUMBERS OF CONTAINERS	SAMPLE TYPE	TPH EPA 418.1	BTEX EPA 8020	REMARKS
S202	5/17/94	840	Soil	VW85	1	V6	X		# 76
S203	5/17/94	930	Soil	VW86	1	V6	X		77
S204	5/17/94	955	Soil	VW87	1	V6	X		78
S205	5/17/94	1020	Soil	VW88	1	V6	X		79
S206	5/17/94	1100	Soil	VW89	1	V6	X		80
S207	5/17/94	1115	Soil	VW90	1	V6	X		81
S208	5/17/94	1115	Soil	VW91	1	D	X		
S209	5/17/94	1120	Soil	VW92	1	B	X		82
S210	5/17/94	1200	Soil	VW93	1	V6	X		83
S211	5/17/94	1300	Soil	VW94	1	V6	X		84
S212	5/17/94	1330	Soil	VW95	1	V6	X		85
S213	5/17/94	1415	Soil	VW96	1	V6	X		
RELINQUISHED BY: (Signature) Wade Wilson		RECEIVED BY: (Signature) Brenda Luce		DATE/TIME 35 5/17/94 1755		RELINQUISHED BY: (Signature) Brenda Luce		RECEIVED BY: (Signature) Brenda Luce	
RELINQUISHED BY: (Signature) Wade Wilson		RECEIVED BY: (Signature) Brenda Luce		DATE/TIME 35 5/17/94 1755		RELINQUISHED BY: (Signature) Brenda Luce		RECEIVED BY: (Signature) Brenda Luce	
REQUESTED TURNAROUND TIME: <input type="checkbox"/> ROUTINE <input type="checkbox"/> RUSH		SAMPLE RECEIPT REMARKS		RESULTS & INVOICES TO:		FIELD SERVICES LABORATORY		EL PASO NATURAL GAS COMPANY	
CARRIER CO.		CHARGE CODE		P.O. BOX 4990		FARMINGTON, NEW MEXICO 87499		FAX: 505-599-2261	
BILL NO.		505-599-2141		505-599-2141		505-599-2141		505-599-2141	

RECORD OF SUBSURFACE EXPLORATION

PHILIP SERVICES CORP.

Monroe Road
 Albuquerque, 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 EE E11011 C#2 72410

Elevation _____
 Borehole Location LTR: F S: 9 T: 30 R: 9
 GWL Depth NA
 Drilled By K. PADILLA
 Well Logged By H. BRADBURY
 Date Started 9/14/98
 Date Completed 9/14/98

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	12	LT GR. SANDY CLAY. soft. FINE SAND low plasticity, dry			0	21	372 286	1539 HRS
20	2	20-21	6	LT GR SANDSTONE, MED SAND, LOW CEMENTATION, dry			0	282	249 239	1545 HRS
25	3	25-26	6	LT BR silty SAND, FINE SAND loose, dry	SM		0	154	299 322	1558 HRS
30	4	30-31	6	LT BR silty SAND, FINE SAND MED DENSE, dry	SM		0	39	135 242	1611 HRS
35	5	33-34	6	LT BR silty SAND, FINE SAND MED DENSE, dry			0	138	20 22	1633 HRS
40				TOB 34'						

Comments:

HAB 34 33-34' SENT TO LAB FOR TPH, BTEX. GW NOT
 ENCOUNTERED. BH GROUTED TO SURFACE
 AUGER REFUSED AT 33' V

Geologist Signature

Holly Bradbury



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	HAB34	980650
MTR CODE SITE NAME:	72410	EE Elliott C #2
SAMPLE DATE TIME (Hrs):	9/14/98	1633
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: 33-34'

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	22	PPM				
PERCENT SOLIDS	88.9	%				

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

The Surrogate Recovery was at 91.9 % for this sample All QA/QC was acceptable.
ative:

DF = Dilution Factor Used

Approved By:

John L. Linder

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	FACTOR
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



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)		
BLANK I.D.	: 092398-2	PINNACLE I.D.	: 809047
CLIENT	: EL PASO FIELD SERVICES	DATE EXTRACTED	: 9/23/98
PROJECT #	: (none)	DATE ANALYZED	: 9/24/98
PROJECT NAME	: PHASE II DRILLING	SAMPLE MATRIX	: NON-AQ

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

ERROGATE:
ERPHENYL (%) 101
SURROGATE LIMITS (80 - 151)

CHEMIST NOTES:
N/A

American Environmental Network (NM), Inc.

PROJECT MANAGER: John Lambdin		DATE		TIME	MATRIX	LAB ID
COMPANY:	El Paso Field Services	9/14/98	1046		Soil	101
ADDRESS:	770 W. NAVAJO	9/14/98	1414		Soil	102
PHONE:	FARMINGTON, N.M. 87401	9/14/98	1633		Soil	103
FAX:	(505) 599-2144	9/15/98	0952		Soil	104
	(505) 599-2261	9/15/98	1153		Soil	105
BILL TO:	Above					
COMPANY:						
ADDRESS:						

ANALYSIS REQUEST		NUMBER OF CONTAINERS	
PETROLEUM HYDROCARBONS (418.1) TRPH			
(MOD. 8015) Diesel/Direct Inject			
(M8015) Gas/Purge & Trap			
8021 (BTEx)/8015 (Gasoline)			
8021 (BTEx) □ MTBE □ TMB □ PCE			
8021 (TCL)			
8021 (EDX)			
8021 (HALO)			
8021 (CUST)			
504.1 EDB □ /DBCP □			
8260 (TCL) Volatile Organics			
8260 (Full) Volatile Organics			
8260 (CUST) Volatile Organics			
8260 (Landfill) Volatile Organics			
Pesticides /PCB (608/8081)			
Herbicides (615/8151)			
Bases/Neutral/Acid Compounds GC/MS (625/8270)			
Polynuclear Aromatics (610/8310)			
General Chemistry:			
Priority Pollutant Metals (13)			
Target Analyte List Metals (23)			
RCRA Metals (8)			
RCRA Metals by TCLP (Method 1311)			
Metals:			

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

1/5/98 AEN Inc.: American Environmental Network (NM), Inc. • 2709-D Pan American Freeway, NE • Albuquerque, New Mexico 87107 • Fax (505) 344-4413

PLEASE FILL THIS FORM IN COMPLETELY.

BTEX SOIL SAMPLE WORKSHEET

File : 980650
Soil Mass (g) : 5.04
Extraction vol. (mL) : 10
Shot Volume (uL) : 50

Date Printed : 9/23/98
Multiplier (L/g) : 0.00099
CAL FACTOR (Analytical): 200
CAL FACTOR (Report): 0.19841

Benzene (ug/L) : <0.5
Toluene (ug/L) : <0.5
Ethylbenzene (ug/L) : <0.5
p & m-xylene (ug/L) : <1.0
o-xylene (ug/L) : <0.5

DILUTION FACTOR:	1	Det. Limit
Benzene (mg/Kg):	#VALUE!	0.496
Toluene (mg/Kg):	#VALUE!	0.496
Ethylbenzene (mg/Kg):	#VALUE!	0.496
p & m-xylene (mg/Kg):	#VALUE!	0.992
o-xylene (mg/Kg):	#VALUE!	0.496
Total xylenes (mg/Kg):	#VALUE!	1.488
Total BTEX (mg/Kg):	#VALUE!	



CHAIN OF CUSTODY RECORD

10-21-98 Anal. 10-21-98 Appar.
10-21-98 Num.
Page _____

Page.

10

White - Testing Laboratory Canary - EPNG Lab Pink - Field Sampler