LOSURE SUMMARY

1000000

JUL 1 7 1998

Day # 1B Meter/Line ID - 70624

SITE DETAILS Unit: A

Land Type: BLM

NMOCD Hazard Ranking: 40

Operator: Meridian

PREVIOUS ACTIVITIES

Site Assessment: 6/13/94 Monitor Well: N/A

Excavation: 8/4/94 Re-Excavation: N/A

Sec: 7

Soil Boring: 7/25/95 Geoprobe: N/A

CONCLUSIONS

The initial excavation was excavated to the top of bedrock, which was 8 feet below ground surface (bgs). PID field screening indicated subsurface soils to be 346 ppm at 8 feet bgs. Excavation was terminated and a sample was collected. Sample analysis indicated total BTEX to be below standards at .65 mg/kg, and TPH was above standards at 101 mg/kg. A test boring was drilled in the center of the initial excavation to determine the vertical extent of impact to soil. A gray silty clay was encountered at 10 feet bgs and continued to 15 feet bgs. At 15 feet bgs an olive-brown sandstone was encountered and continued until refusal at 26 feet bgs. A soil sample was collected for BTEX and TPH analysis at 25-26 feet bgs. Laboratory analysis showed all BTEX compounds to be at or below detection limits and TPH present at 31.9 mg/kg.

RECOMMENDATIONS

No further action is recommended at the site for the following reasons:

- The bulk of the impacted soil was removed during the phase 1 excavation.
- Test boring sample results indicated soils below standards 17 feet beneath the initial excavation.
- The excavation was terminated in bedrock.
- No groundwater was encountered in the test boring.
- No potential receptors are within 1,000 feet of the site.
- Residual hydrocarbons remaining in the soils at the bottom of the initial excavation will naturally degrade in time with minimal risk to the environment.

OIL COM. DIV.



FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: 70624 Location:							
SITE ASSESSMENT	NMOCD Zone: Land Type: BLM (1)							
	TOTAL HAZARD RANKING SCORE: 40 POINTS							
REMARKS	Remarks: ONLY PIT ON LOCATION. PIT IS DRY LOCATION IS IN FRESHO CANYON WEST OF LARGO WASH. REDLINE AND TOPO CONFIRMED LOCATION IS INSIDE V.Z. DIM: HAWL							

PHASE I EXCAVATION

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: 70624 Location: Day #13 Coordinates: Letter: A Section 7 Township: 27 Range: 8 Or Latitude Longitude Longitude Date Started: 8/4/94 Run: 07 21
FIELD OBSERVATIONS	Sample Number(s): KD 186 Sample Depth: 9' Feet Final PID Reading 346 Pr PID Reading Depth 9' Feet Yes No Groundwater Encountered Approximate Depth Feet
CLOSURE	Remediation Method: Excavation Onsite Bioremediation Backfill Pit Without Excavation Soil Disposition: Envirotech Other Facility Name: Pit Closure Date: 9/4/94 Pit Closed By: DET PPOSITION OF THE PROPERTY OF THE
REMARKS	Remarks: Excavated pit to 8' At this tager Depth we hit a hayer of Sandstone, Took Did Sample, Closed pt. Signature of Specialist: My

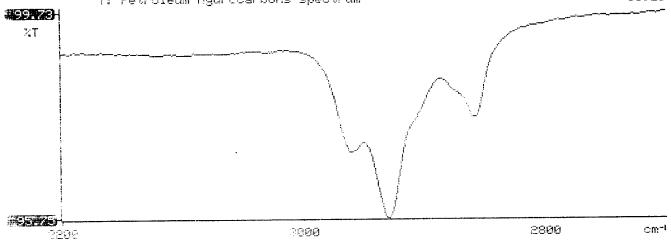


FIELD SERVICES LABORATORY ANALYTICAL REPORT PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	SAIVIPLE	IDENTII IOAT					
	Field	ID-		Lab ID			
SAMPLE NUMBER:	KD 15	8 6	9458				
MTR CODE SITE NAME:	7067			N/A			
SAMPLE DATE TIME (Hrs):	8-4-9			215			
SAMPLED BY:	* 0	N//	Α	89194			
DATE OF TPH EXT. ANAL.:	819	194	01.	1011	}		
DATE OF BTEX EXT. ANAL.:	XIII	194	brown	fine 9:	h . 1		
TYPE DESCRIPTION:	٧८,		VYCWA	the 1	wa		
REMARKS:						<u> </u>	
		RESULTS					
PARAMETER	RESULT	UNITS			UALIFIERS		
			DF	<u> </u>	M(g)	V(ml)	
BENZENE	L0.025	MG/KG					
TOLUENE	10,025	MG/KG	11				
ETHYL BENZENE	0.043	MG/KG	1				
TOTAL XYLENES	0.56	MG/KG	1				
TOTAL BTEX	0.65	MG/KG					
TPH (418.1)	101	MG/KG			2.15	28	
HEADSPACE PID	346	PPM				,	
PERCENT SOLIDS	93.5	%					
	- TPH is by EPA Method 4	% for this sample		C was acce	ntable.		
The Surrogate Recovery was at Narrative:	3 attach	-	All QA/Q	C Was acco			
		· · · · · · · · · · · · · · · · · · ·					
OF = Dilution Factor Used Approved By:			Date:	al 1			

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PHASE I EXCAVATION



2709-D Pan American Freeway, NE Albuquerque, NM 87107 Phone (505) 344-3777 FAX (505) 344-4413



ATI I.D. 408339

August 25, 1994

El Paso Natural Gas Co. P.O. Box 4990 Farmington, NM 87499

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On 08/10/94, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze non-aqueous samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

H. Mitchell Rubenstein, Ph.D.

Laboratory Manager

MR:jt

Enclosure



GAS CHROMATOGRAPHY RESULTS

TEST : BTEX (EPA 8020)

CLIENT : EL PASO NATURAL GAS CO. ATI I.D.: 408339

PROJECT #

: 24324

PROJECT NAME : PIT CLOSURE

SAMPL		MAMDIY	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
ID. #		MATRIX		08/11/94	08/11/94	1
04	945838	NON-AQ	08/04/94	. ,	•	
05	945839	NON-AQ	08/04/94	08/11/94	08/11/94	1
06	945840	NON-AQ	08/04/94	08/11/94	08/11/94	1
PARAM	ETER		UNITS	04	05	06
BENZE	NE		MG/KG	<0.025	<0.025	<0.025
TOLUE	ENE		MG/KG	<0.025	<0.025	<0.025
ETHYL	BENZENE		MG/KG	0.043	<0.025	<0.025
TOTAL	XYLENES		MG/KG	0.56	<0.025	<0.025
SURRO	GATE:					
BROMO	FLUOROBENZENE (%	s)		98	94	85

PHASE II

RECORD OF SUBSURFACE EALLORATION

Burlington Environmental Inc. 4000 Morroe Road

Fermington, New Mexico 87401 (606) 326-2262 FAX (605) 326-2388

Elevation	
Borehole Location	letter A-57-727-88
GWL Depth	
Logged By	J.F. LaBarbera
Drilled By	K. Padilla
Date/Time Started	1 7/15 7/25/95 - 0750
Date/Time Comple	eted -0 20

Borehole # BH-1

Well # / of /

TS

9 Phase 6000.77

Project Name EPNG PITS
Project Number 14509 Phase 6000.77
Project Location Dorr 7 B 70 6004

Well Logged By
Personnel On-Site
Contractors On-Site

J.F. LaBarbera

K. Padilla, F. Rivera, D. Charlie

Client Personnel On-Site

Drilling Method 4 1

4 1/4 ID HSA

Air Monitoring Method

PID, CGI

			Commis			Depth				
D	Sample	Sample	Sample Type &	Sample Description	uscs	Lithology		ir Monito	rina	Drilling Conditions
Depth (Feet)	Number	Interval	Recovery	Classification System: USCS			m 4X	& Blow Counts		
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Comments:

Sample JFL 19 from 25-26' sent to low for BTEX/TPH

Geologist Signature

John F. Barl



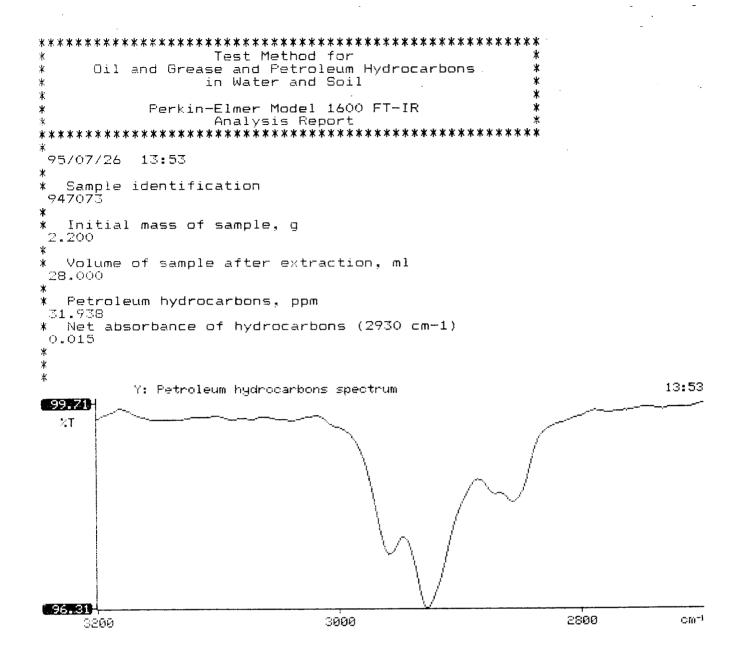
Phase I Dulling Dey#18 (25-26')

FIELD SERVICES LABORATORY ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	OF 41111 = 2						
	Field	ID		Lab ID			
SAMPLE NUMBER:	JFL19		9470	13			
MTR CODE SITE NAME:	70624		N/A				
SAMPLE DATE TIME (Hrs):	07-25-95		08:4	10			
SAMPLED BY:		N/	Α				
DATE OF TPH EXT. ANAL.:	7-26-	95		6-95			
DATE OF BTEX EXT. ANAL.:	7-27-	95		8-95			
TYPE DESCRIPTION:	VG		grey sa	nd d C	ay		
REMARKS:							
	F	RESULTS					
PARAMETER	RESULT	UNITS		QUALIFIERS			
			DF	<u> </u>	∗ M(g)	V(ml)	
BENZENE	40.025	MG/KG					
TOLUENE	٨٥٠٥25	MG/KG	(
ETHYL BENZENE	0.029	MG/KG	1				
TOTAL XYLENES	0.45	MG/KG	1				
TOTAL BTEX	0.479	MG/KG_				. <u>.</u>	
TPH (418.1)	31.9	MG/KG			2.20	28	
HEADSPACE PID	736	РРМ					
PERCENT SOLIDS	87.5	%%					
The Surrogate Recovery was at Narrative:		418.1 and BTEX is by E		was accep	otable.		
DF = Dilution Factor Used							





ATI I.D. 507411

August 3, 1995

El Paso Natural Gas Co. P.O. Box 4990 Farmington, NM 87499

Project Name/Number: PIT CLOSURE/PHASE II DRILLING 24324

Attention: John Lambdin

On 07/27/95, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze non-aqueous samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8015 analyses were added on 07/27/95 for samples "947068", "947069" and "947077" per Kim Kirby.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Konshell

Kimberly D. McNeill Project Manager

MR:jt

Enclosure

H. Mitchell Rubenstein, Ph.D.

Laboratory Manager

Corporate Offices: 555O Morehouse Drive San Diego, CA 92121 (619) 458-9141



GAS CHROMATOGRAPHY RESULTS

TEST

: BTEX (EPA 8020)

CLIENT

: EL PASO NATURAL GAS CO. ATI I.D.: 507411

PROJECT # : 24324

PROJECT NAME : PIT CLOSURE/PHASE II DRILLING

		•					
SAMPL ID. #	· 	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR	
04	947073	NON-AQ	07/25/95	07/27/95	07/28/95	1	
05	947074	NON-AQ	07/25/95	07/27/95	07/28/95	1	
06	947075	NON-AQ	07/25/95	07/27/95	07/28/95	1	
PARAMETER		UNITS		04	05	06	
BENZE	NE		MG/KG	<0.025	<0.025	<0.025	
TOLUE	:NE		MG/KG	<0.025	<0.025	<0.025	
	BENZENE		MG/KG	0.029	<0.025	<0.025	
TOTAL XYLENES			MG/KG	0.45	<0.025	<0.025	
SURRO	GATE:						
BROMOFLUOROBENZENE (%)		(%)		102	98	101	