

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

OK

A.L. Elliot C#1
Meter/Line ID – 70032

SITE DETAILS

Legals - Twn: 29N
NMOCD Hazard Ranking: 10
Operator: Amoco

Rng: 9W

Sec: 15 Unit: B
Land Type: BLM
Pit Closure Date: 07/11/95

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 7 feet and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit and bedrock was encountered at 7 feet below ground surface. The pit was backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 0 ppm; laboratory analysis indicated a TPH concentration of 182 mg/kg.

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

- The primary source, discharge to the pit, has been removed for almost five years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Groundwater was not encountered in the test excavation. In addition, the estimated depth to groundwater is greater than 100 feet.
- Bedrock was encountered at 7 feet below ground surface; therefore, impact to groundwater is unlikely.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Based on the Hazard Ranking Score, TPH concentrations were below required remediation levels.

ATTACHMENT

Field Pit Assessment Form
Field Pit Remediation/Closure Form



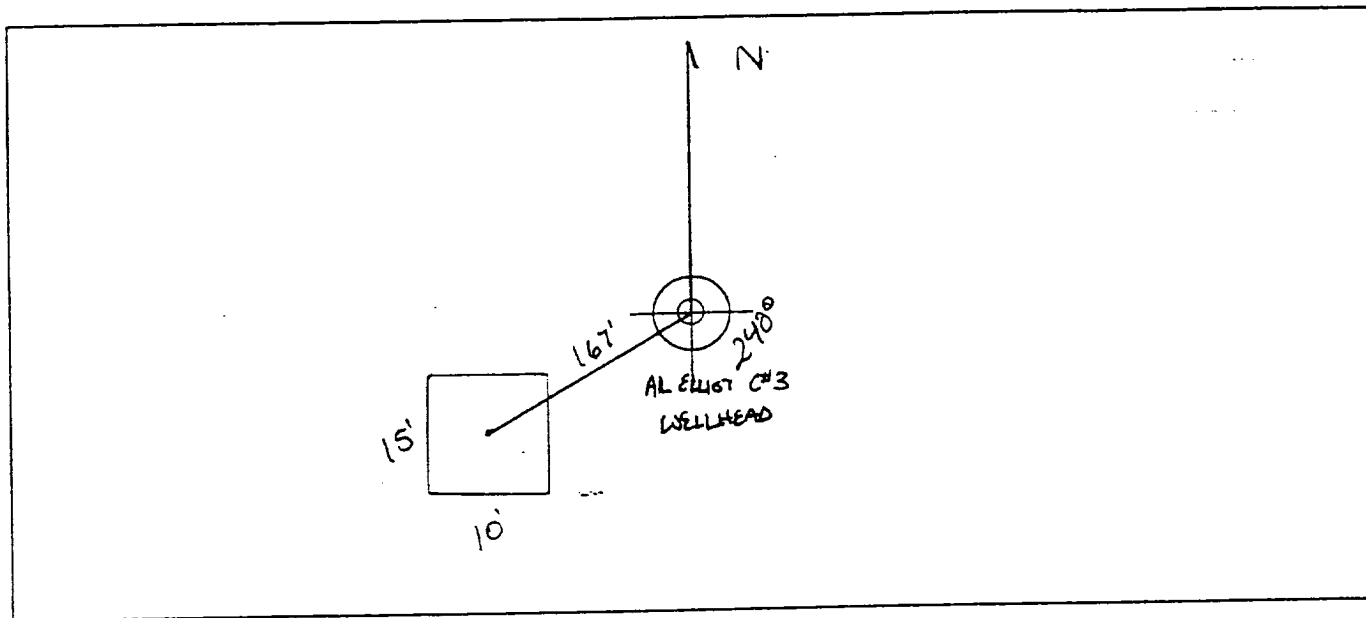
Laboratory Analytical Results

(SP3190) 04/08/94

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 240° Footage from Wellhead 167'
b) Length : 15' Width : 10' Depth : 1'



REMARKS

Remarks :

Pictures @ 1000 hr

MEASURED DISTANCE FROM PIT TO THE WELLHEAD OF THE A.L. ELLIOT C#3

Completed By:

Robert Thompson
Signature

6-2-95
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>20032</u> Location: <u>A.L. Elliot C #1</u> Coordinates: Letter: <u>B</u> Section <u>15</u> Township: <u>29</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Date Started : <u>7-11-95</u> Run: <u>10</u> <u>31</u>
FIELD OBSERVATIONS	Sample Number(s): <u>MK 431</u> Sample Depth: <u>7'</u> Feet Final PID Reading <u>0 PPM</u> PID Reading Depth <u>2'</u> Feet <div style="text-align: center;">Yes No</div> Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
CLOSURE	Remediation Method : <div style="display: flex; justify-content: space-between;"> <div> Excavation Onsite Bioremediation Backfill Pit Without Excavation </div> <div style="text-align: right;"> <input type="checkbox"/> Approx. Cubic Yards _____ <input type="checkbox"/> <input checked="" type="checkbox"/> </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between;"> <div> Envirotech <input type="checkbox"/> Other Facility <input type="checkbox"/> </div> <div style="text-align: right;"> <input type="checkbox"/> Tierra Name: _____ </div> </div> Pit Closure Date: <u>7-11-95</u> Pit Closed By: <u>Philip</u>
REMARKS	Remarks : <u>Arrived took fence down dug sample hole</u> <u>Hit sandstone 7' soil brown no hydrogen sulfide odor</u>
	Signature of Specialist: <u>Moya Kilian</u>



Natural Gas Company

Page _____ of _____

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



SPLIT

FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK 431	946975
MTR CODE SITE NAME:	70032	N/A
SAMPLE DATE TIME (Hrs):	7-11-95	11:25
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	7-12-95	7-12-95
DATE OF BTEX EXT. ANAL.:	07-19-95	07-19-95
TYPE DESCRIPTION:	VG	Brown sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS				ATI Results
			DF	Q	M(g)	V(ml)	
TPH (418.1)	182	MG/KG			1.98	28	160
HEADSPACE PID	0	PPM					
PERCENT SOLIDS	98.1	%					

-- TPH is by EPA Method 418.1

Narrative:

ATI Results for TPH attached

DF = Dilution Factor Used

Approved By:

Date:

8/3/97

RPD
13.5
6005



Analytical **Technologies**, Inc.

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

ATI I.D. 507340

July 20, 1995

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

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

Attention: John Lambdin

On 07/14/95, 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.

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

Kimberly D. McNeill
Project Manager

MR:jt

Enclosure

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager



Analytical Technologies, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: EL PASO NATURAL GAS CO.	ATI I.D.	: 507340
PROJECT #	: 24324	DATE RECEIVED	: 07/14/95
PROJECT NAME	: PIT CLOSURE/PHASE I PHASE	DATE ANALYZED	: 07/19/95

PARAMETER	UNITS	11
PETROLEUM HYDROCARBONS, IR	MG/KG	160

sample # 946975