

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Elliot Gas Com Y#1
Meter/Line ID – 92157-01

SITE DETAILS

Legals - Twn: 30N	Rng: 9W	Sec: 9	Unit: H
NMOCD Hazard Ranking: 30		Land Type: BLM	
Operator: Amoco		Pit Closure Date: 02/13/95	

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 12 feet and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit. 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 1 ppm; laboratory analysis indicated a TPH concentration of <20 mg/kg.

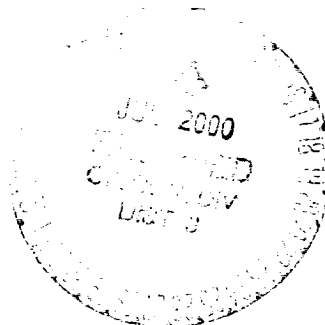
El Paso Field Services Company (EPFS) requests closure of the above mentioned production pit location for the following reasons:

- 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.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Based on the Hazard Ranking Score, TPH concentrations were below the required remediation levels.

ATTACHMENT

Field Pit Assessment Form
Laboratory Analytical Results

Field Pit Remediation/Closure Form

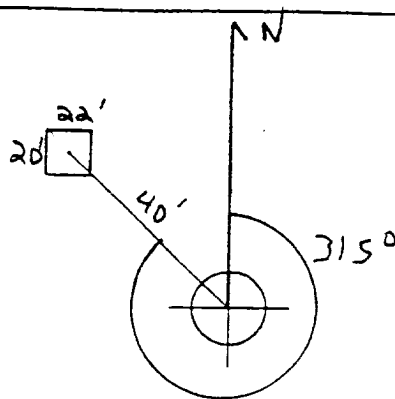


FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>92157</u> Location: <u>Elliot Gas Com Y No. 1</u></p> <p>Operator #: <u>0203</u> Operator Name: <u>Amelia</u> P/L District: <u>Bloomfield</u></p> <p>Coordinates: Letter: <u>H</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: <input checked="" type="checkbox"/> Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>1/16/95</u> Area: <u>10</u> Run: <u>33</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) Outside <input checked="" 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) 50 Ft to 99 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input 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 checked="" type="checkbox"/> (1) YES (20 points) <input 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) 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) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>30</u> POINTS</p>
REMARKS	<p>Remarks : <u>Redline + VZ TOPD: Outside</u></p> <p><u>2 pits. Close.</u></p> <p>PUSH-IN</p>

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 315° Footage from Wellhead 40'
b) Length : 22' Width : 20' Depth : 3'



Remarks :

Pictures @ 1546 hr 17-21 roll 3

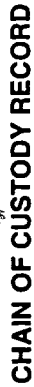
Completed By:

Cory Chance
Signature

1/16/95
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>92157</u> Location: <u>Elliot Gas Com Y #1</u> Coordinates: Letter: <u>H</u> Section <u>9</u> Township: <u>30</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Date Started : <u>2-13-95</u> Run: <u>10</u> <u>33</u>
FIELD OBSERVATIONS	Sample Number(s): <u>MK 377</u> <u>MK 378</u> <u>MK 379</u> _____ Sample Depth: <u>12'</u> Feet Final PID Reading <u>1 PPM</u> PID Reading Depth <u>12'</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 Other Facility </div> <div style="text-align: right;"> <input type="checkbox"/> <input type="checkbox"/> Tierra <input type="checkbox"/> Name: _____ </div> </div> Pit Closure Date: <u>2-13-95</u> Pit Closed By: <u>BEI</u>
REMARKS	Remarks : <u>Arrived Dug sample hole pit appeared to</u> <u>be clean all the way through pit Had about 6" of</u> <u>water on the TOP soil Brown NO Hydrocarbon odor</u>
	Signature of Specialist: <u>Morgan Killian</u>



CHAIN OF CUSTODY RECORD

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



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	mk 377	926670
MTR CODE SITE NAME:	92157	N/A
SAMPLE DATE TIME (Hrs):	2-13-95	0955
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	2/17/95	2/17/95
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Light Red Brown Sand

REMARKS: TPH done at ATI

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	220	MG/KG				
HEADSPACE PID	1	PPM				
PERCENT SOLIDS	94.0	%				

-- TPH is by EPA Method 418.1 --

Narrative:

ATI results attached

DF = Dilution Factor Used

Approved By: JP

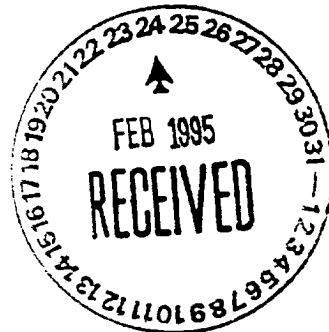
Date: 5-20-95



Analytical **Technologies**, Inc.

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

ATI I.D. 502381



February 23, 1995

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

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On 02/17/95, 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 8020 analyses were added on February 21, 1995 for samples 946659, 946660, 946661, 946662, 946663, 946664, 94666, 946667, 946668, 946669, 946680, 946682 per John Lambdin.

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

Letitia Krakowski, Ph.D.
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure



Analytical Technologies, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT : EL PASO NATURAL GAS CO. ATI I.D. : 502381
PROJECT # : 24324 DATE RECEIVED : 02/17/95
PROJECT NAME : PIT CLOSURE DATE ANALYZED : 02/17/95

PARAMETER	UNITS	13	14	15	16
PETROLEUM HYDROCARBONS, IR	MG/KG	<20	<20	<20	170

946670