

EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE

Outside Risk
BTEX TPH

Johnston LS 8 MV
Meter/Line ID - 71865

RECEIVED
NOV - 2 1999
OIL CON. DIV.
DIST. 3

SITE DETAILS			
Legals - Twn: 28N	Rng: 9W	Sec: 17	Unit: G
NMOCD Hazard Ranking: 0		Land Type: State	
Operator: Amoco		Pit Closure Date: 2/13/95	

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 then backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 313 ppm; laboratory analysis indicated a TPH concentration of 29,000 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 over four years.
- The test pit was backfilled with clean soil and the former pit area graded to direct surface runoff away from the former pit.
- Source material has been removed from the ground surface, eliminating potential direct contact with livestock and the public.
- Groundwater was not encountered in the test excavation. In addition, the estimated depth to groundwater is greater than 100 feet; therefore, impact to groundwater is unlikely.
- There are no water supply wells or potential surface water receptors within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade by natural attenuation with minimal risk to the environment.

ATTACHMENT

Revised Field Pit Assessment Form
Field Pit Remediation/Closure Form

Field Pit Assessment Form
Laboratory Analytical Results

REVISÉ

FIELD PIT SITE ASSESSMENT FORM

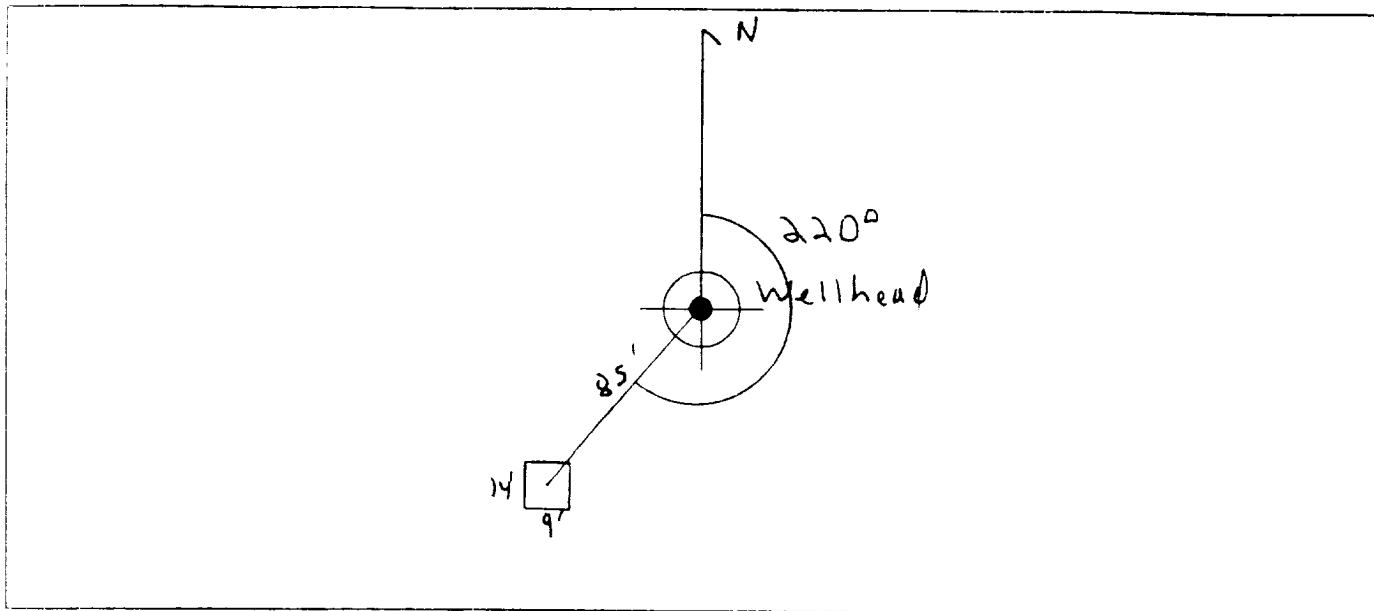
GENERAL	Meter: <u>71865</u> Location: <u>Johnston LS 8 MV</u> Operator #: _____ Operator Name: _____ P/L District: _____ Coordinates: Letter: <u>G</u> Section <u>17</u> Township: <u>28</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>2/13/98</u> Area: _____ Run: _____			
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps)		Land Type: Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)	BLM <input type="checkbox"/> (1) State <input checked="" type="checkbox"/> (2) Fee <input type="checkbox"/> (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) <input checked="" type="checkbox"/> (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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (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) <input checked="" type="checkbox"/> (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: <u>0</u> POINTS			
	REMARKS	Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is >1000' From center of Muñoz Canyon</u>		

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ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 220° Footage from Wellhead 85'
 b) Length : 14' Width : 9' Depth : 3'

ORIGINAL PIT LOCATION



Remarks :

Pictures @ 1426 hr 18-21 rd 112

~.6 mi after cattle guard shown on map, Turn Left

REMARKS

Completed By:

Cory Clane
 Signature

11/2/95
 Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>71865</u> Location: <u>JOHNSTON 8 MY</u></p> <p>Coordinates: Letter: <u>G</u> Section <u>17</u> Township: <u>28</u> Range: <u>9</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>2-13-95</u> Run: <u>01</u> <u>73</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>KP423</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>313</u> PID Reading Depth <u>12'</u> Feet</p> <p>Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> <input type="checkbox"/> Approximate Depth _____ Feet</p>
CLOSURE	<p>Remediation Method :</p> <p>Excavation <input type="checkbox"/> Approx. Cubic Yards _____</p> <p>Onsite Bioremediation <input type="checkbox"/></p> <p>Backfill Pit Without Excavation <input checked="" type="checkbox"/></p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> Tierra <input type="checkbox"/></p> <p>Other Facility <input type="checkbox"/> Name: _____</p> <p>Pit Closure Date: <u>2-13-95</u> Pit Closed By: <u>B.E.I</u></p>
REMARKS	<p>Remarks : <u>Some Lidar markers dug A Test hole To 12'</u> <u>sampled closed pit At 12' soil DARK gray with A H.C</u> <u>ORDER</u></p>
	<p>Signature of Specialist: <u>Kelly Padilla</u></p>



Page _____ of _____

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:	KP 423	946681
MTR CODE SITE NAME:	71865	N/A
SAMPLE DATE TIME (Hrs):	2-13-95	1230
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:	UG	Black sand and clay

REMARKS: TPH zone at AT1

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	29,000	MG/KG				
HEADSPACE PID	313	PPM				
PERCENT SOLIDS	86.7	%				

- TPH is by EPA Method 418.1 -

Narrative:

DF = Dilution Factor Used

Approved By:

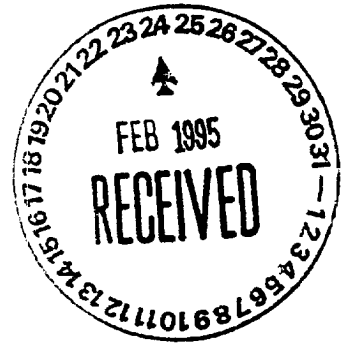
Date:

2-20-95



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, 946666, 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

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	21	22	23	24
PETROLEUM HYDROCARBONS, IR	MG/KG	400	42	3900	29000

946681