

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 03904 Location: GALLEGOS CANYON UNIT #160E
 Operator #: _____ Operator Name: AMOCO P/L District: KUTZ
 Coordinates: Letter: N Section 27 Township: 29 Range: 12
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 12-13-94 Area: 02 Run: 33

SITE ASSESSMENT

NMOCD Zone:

(From NMOCD
Maps)

Inside
Outside

Land Type: BLM ☐ (1)

State ☐ (2)

☒ (1)

☐ (2)

Denny Lee ☒ (3)
DEPUTY OIL & GAS INSPECTOR

SEP 11 0 1996

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 SAN JUAN RIVER

(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: 50 POINTS

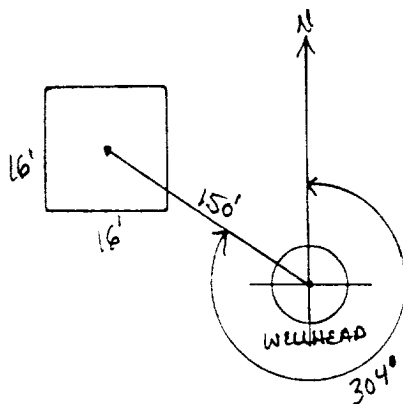
REMARK

Remarks : BEDLINE & TOPO SHOW LOCATION INSIDE V.Z. ONE PIT ON LOCATION - BELONGS TO EPNG. PIT HAS A STEEL LINER IN IT. MAY CLOSE PIT.

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 304° Footage from Wellhead 150'
b) Length : 16' Width : 16' Depth : 1'



Remarks :

PHOTOS-1112

REMARKS

Completed By:

Pat Champion

Signature

12.13.94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>03904</u> Location: <u>Gallegos CANYON unit #160 E</u> Coordinates: Letter: <u>N</u> Section <u>27</u> Township: <u>29</u> Range: <u>12</u> Or Latitude _____ Longitude _____ Date Started : <u>1-3-95</u> Run: <u>02</u> <u>33</u>
FIELD OBSERVATIONS	Sample Number(s): <u>mk315</u> Sample Depth: <u>10</u> Feet Final PID Reading <u>003</u> PID Reading Depth <u>10</u> Feet Yes No Groundwater Encountered ☐ ☒ Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation Onsite Bioremediation Backfill Pit Without Excavation ☒ Approx. Cubic Yards <u>30</u> ☐ ☐ Soil Disposition: Envirotech ☐ Other Facility ☐ ☒ Tierra Name: _____ Pit Closure Date: <u>1-3-95</u> Pit Closed By: <u>BEZ</u>
REMARKS	Remarks : <u>pit had strong Hydrocarbon odor in center of pit cleaned up at 10'</u> _____ _____
	Signature of Specialist: <u>Morgan Killian</u>

**SPLIT****FIELD SERVICES LABORATORY
ANALYTICAL REPORT****PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone****SAMPLE IDENTIFICATION**

	Field ID	Lab ID
SAMPLE NUMBER:	mk 315	946553
MTR CODE SITE NAME:	03904	N/A
SAMPLE DATE TIME (Hrs):	1-3-95	1335
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL:	1-5-95	1-5-95
DATE OF BTEX EXT. ANAL:	1/5/95 1/5/95 1/5/95	1/5/95 1/5/95 1/5/95
TYPE DESCRIPTION:	VC	Brown/Gray sand

REMARKS: split**RESULTS**

PARAMETER	RESULT	UNITS	QUALIFIERS				ATI Results
			DF	Q	M(g)	V(ml)	
BENZENE	<0.005	MG/KG	0.00100		4.91	51	<0.025
TOLUENE	<0.005	MG/KG					<0.025
ETHYL BENZENE	<0.005	MG/KG					<0.025
TOTAL XYLENES	<0.015	MG/KG					<0.025
TOTAL BTEX	<0.030	MG/KG					<0.10
TPH (418.1)	24.4	MG/KG			2.02	28	<20.0
HEADSPACE PID	3	PPM					Surrogate %
							106
PERCENT SOLIDS	97.2	%					Dilution Factor
							1

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

The Surrogate Recovery was at 107 for this samp All QA/QC was acceptable.

Narrative:

all results attached.

DF = Dilution Factor Used

Approved By: J.F.

Date:

2-22-95

BTEX SOIL SAMPLE WORKSHEET

File : 946553A
Soil Mass (g) : 4.91
Extraction vol. (mL) : SV
Shot Volume (uL) : SV

Date Printed : 1/6/95
Multiplier (L/g) : 0.00102
DF (Analytical) : 1
DF (Report) : 0.00102

				Det. Limit
Benzene (ug/L) :	0.00	Benzene (mg/Kg):	0.000	0.005
Toluene (ug/L) :	3.05	Toluene (mg/Kg):	0.003	0.005
Ethylbenzene (ug/L) :	0.64	Ethylbenzene (mg/Kg):	0.001	0.005
p & m-xylene (ug/L) :	2.69	p & m-xylene (mg/Kg):	0.003	0.010
o-xylene (ug/L) :	3.36	o-xylene (mg/Kg):	0.003	0.005
		Total xylenes (mg/Kg):	0.006	0.015
		Total BTEX (mg/Kg):	0.010	



Analytical **Technologies, Inc.**

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

ATI I.D. 501312

January 10, 1995

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

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On 01/06/95, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** sample(s). The sample(s) 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.

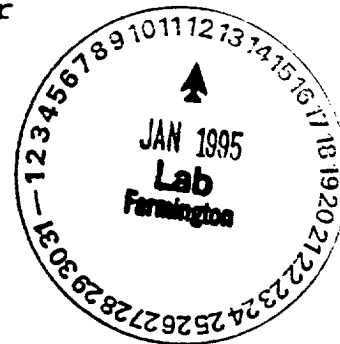
If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Letitia Krakowski, Ph.D.
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure



GAS CHROMATOGRAPHY RESULTS

TEST : BTEX (EPA 8020)
CLIENT : EL PASO NATURAL GAS ATI I.D.: 501312
PROJECT # : 24324
PROJECT NAME : PIT CLOSURE

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	946553	NON-AQ	01/03/95	01/06/95	01/09/95	1
PARAMETER			UNITS	01		
BENZENE			MG/KG	<0.025		
TOLUENE			MG/KG	<0.025		
ETHYLBENZENE			MG/KG	<0.025		
TOTAL XYLENES			MG/KG	<0.025		

SURROGATE:

BROMOFLUOROBENZENE (%) 106



Analytical**Technologies**, Inc.

GENERAL CHEMISTRY RESULTS

CLIENT	: EL PASO NATURAL GAS	ATI I.D.	: 501312
PROJECT #	: 24324	DATE RECEIVED	: 01/06/95
PROJECT NAME	: PIT CLOSURE	DATE ANALYZED	: 01/06/95

PARAMETER	UNITS	01
PETROLEUM HYDROCARBONS, IR	MG/KG	<20