



Environmental Services Group
Southern Region

Gartner LS #7 *K-26-30N-08W*
Meter Code 70327

Pit was excavated to 12 feet beneath ground surface. Headspace soil readings from excavation bottom were 202 parts per million. Soil analytical were as follows; benzene - < 1.2 mg/kg, total BTEX - 73 mg/kg, TPH - 1,480 mg/kg.

One soil boring was completed and no monitoring well installed. No soil or groundwater samples were collected. Groundwater was encountered at 20 feet.

Pit was re-excavated to 19 feet beneath ground surface. A headspace soil reading was as follows: pit bottom composite- 40 ppm. Soil analytical from composite were as follows; benzene - < .5 mg/kg, total BTEX - <3 mg/kg, TPH - 23.4 mg/kg. Analytical collected from the groundwater in the bottom of the pit were as follows; benzene - <2.5 ug/L, ethylbenzene - <2.5 ug/L, xylenes - <7.5 ug/L.

Dennings
DEPUTY OIL & GAS INSPECTOR

FEB 06 97

Approved



FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 70327 Location: GARTNER LS #7
 Operator #: 0203 Operator Name: AMOCO P/L District: BLOOMFIELD
 Coordinates: Letter: K Section 26 Township: 30 Range: 8
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator ☒ Location Drip: _____ Line Drip: _____ Other: _____
 Site Assessment Date: 5.10.94 Area: 10 Run: 41

NMOCD Zone:

(From NMOCD
Maps)

Inside

Outside

Land Type:

BLM

State

Fee

Indian

☒ (1)

☐ (2)

☐ (3)

☒ (1)

☐ (2)

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 _____

(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: 30 POINTS

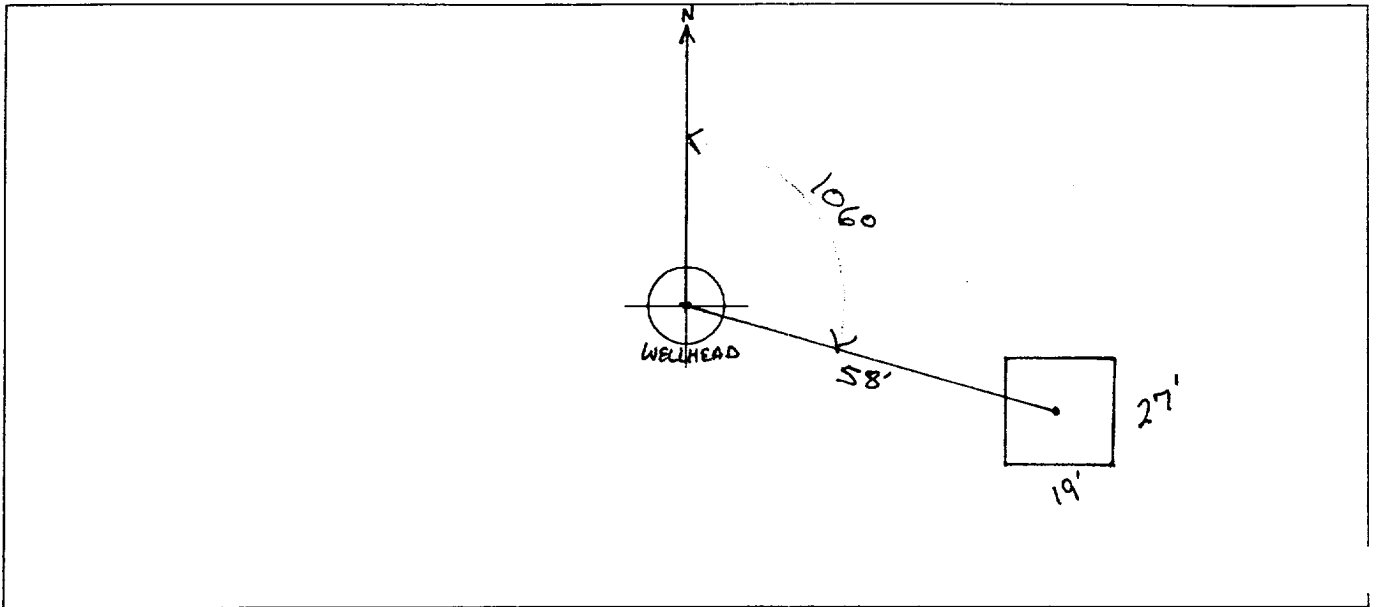
Remarks : TWO PITS ON LOCATION. WILL CLOSE ONLY ONE. PIT IS A LITTLE
OILY. LOCATION IS IN GOVERNADOR CANYON NEXT TO THE WASH. REDLINE
AND TOPO CONFIRMED LOCATION TO BE INSIDE THE 117

MARKS

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 106° Footage from Wellhead 58'
 b) Length : 27' Width : 19' Depth : 4'

ORIGINAL PIT LOCATION



REMARKS

Remarks :

TOOK PICTURES AT 12:03 P.M.

END DUMP

Completed By:

Robert Thompson
 Signature

5.5.94
 Date

Phase I Excavation

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>70327</u> Location: <u>GARTNER LS #7</u> Coordinates: Letter: <u>K</u> Section <u>26</u> Township: <u>30</u> Range: <u>8</u> Or Latitude _____ Longitude _____ Date Started : <u>5-19-94</u> Area: <u>10</u> Run: <u>41</u>
FIELD OBSERVATIONS	Sample Number(s): <u>KP #60</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>202</u> PID Reading Depth <u>12'</u> Feet Yes No Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation ☒ (1) Approx. Cubic Yards <u>130</u> Onsite Bioremediation ☐ (2) Backfill Pit Without Excavation ☐ (3) Soil Disposition: Envirotech ☐ (1) ☒ (3) Tierra Other Facility ☐ (2) Name: _____ Pit Closure Date: <u>5-19-94</u> Pit Closed By: <u>B.E.I</u>
REMARKS	Remarks : <u>Some line markers Big Pit. 31x34.</u> <u>Started Remediating 12' soil dark gray with A Bad Smell.</u> <u>At 12' Soil still Dark Gray. Lots of SAND. And Smells</u> Signature of Specialist: <u>Kelly Padilla</u>



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP60	945233
MTR CODE SITE NAME:	70327	Gartner LS #7
SAMPLE DATE TIME (Hrs):	05/19/94	1515
PROJECT:	Phase I	
DATE OF TPH EXT. ANAL.:	05/20/94	05/20/94
DATE OF BTEX EXT. ANAL.:	05/27/94	05/31/94
TYPE DESCRIPTION:	VC	Brown/gray sand

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<1.2	MG/KG	50			
TOLUENE	19	MG/KG	50			
ETHYL BENZENE	3.0	MG/KG	50			
TOTAL XYLENES	50	MG/KG	50			
TOTAL BTEX	73	MG/KG				
TPH (418.1)	1480	MG/KG			2.27	28
HEADSPACE PID	202	PPM				
PERCENT SOLIDS	92.0	%				

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

Surrogate Recovery was at N/A % for this sample All QA/QC was acceptable.

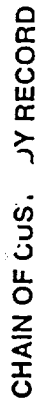
Narrative:

performed analyses. Surrogate recovery not obtainable due to sample dilution.

DF = Dilution Factor Used

Handwritten signature

Handwritten signature



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

Phase II Soil Boring

RECORD OF SUBSURFACE EXPLORATION

Slip Environmental Services Corp.

1000 Monroe Road

Albuquerque, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole #

BH-1

Well #

Page

1 of 1

Project Name

EPNG Pits

Project Number

14509

Phase

60+ 6000.77

Project Location

Gartner LS#7, 70327

Elevation

Borehole Location

GWL Depth

Logged By

S.Kelly

Drilled By

K. Padilla

Date/Time Started

6/20/95, 0730

Date/Time Completed

6/20/95, 0755

Well Logged By

S.Kelly

Personnel On-Site

K. Padilla, E. Rivera, D. Escobedo

Contractors On-Site

Client Personnel On-Site

Drilling Method

4 1/4" ID HSA

Air Monitoring Method

CGI, PID

Depth (feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDUS/H5 BZ BH S			Drilling Conditions & Blow Counts
0				Backfill to 12'						
5										
10										
15	1	15-17	.8'	silty SAND, dk. grey, fine sand, 15-25% silt, very loose, damp					27 562	
20	2	20-22	No sample taken wet.	BoH at 20.'						Hit groundwater at 20! Rose to 17.5' after 10 min.
25										
30										
35										
40										

Comments:

No sample taken due to high headspace reading above water table. BH grouted to the surface.

Geologist Signature

[Signature]

Phase III Excavation

Phase
III

FIELD PIT REMEDIATION/CLOSURE FORM/PHASE II

Meter: 70327 Location: Gartner LS #7

Coordinates: Letter: K Section 26 Township: 30 Range: 08

Or Latitude _____ Longitude _____

Date Started : 8-21-95 Area: 10 Run: 41

Sample Number(s): 4P50 4P51 _____

Sample Depth: 19' Feet

Final PID Reading 40 ppm PID Reading Depth 19' Feet
Yes No

Groundwater Encountered ☒ (1) ☐ (2) Approximate Depth 19' Feet

Final Dimensions: Length 45 Width 33 Depth 20

Remediation Method :

Excavation ☒ (1) Approx. Cubic Yards 5268 9/15

Onsite Bioremediation ☐ (2)

Backfill Pit Without Excavation ☐ (3)

Overburden Cubic Yards 300 8/16

Soil Disposition:

Envirotech ☐ (1) ☒ (3) Tierra

Other Facility ☐ (2) Name: _____

Pit Closure Date: 8-23-95 Pit Closed By: Philip Env

Phase III

Remarks : Encountered ground water at 19', took PID,
1' th wall was 003, Bot. was 71 ppm, South wall was 000 ppm
East wall was 000 ppm West wall was 15 ppm Prior reading
in South & East walls was 336 ppm. Comp. Sample 40 ppm

Signature of Specialist: James E. Pearson Print



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	JP51	947296
MTR CODE SITE NAME:	70327	Gartner LS #7
SAMPLE DATE TIME (Hrs):	08/21/95	1630
PROJECT:	Phase III Drilling	
DATE OF TPH EXT. ANAL.:	08/22/95	08/22/95
DATE OF BTEX EXT. ANAL.:	08/24/95	08/24/95
TYPE DESCRIPTION:	VC	Brown sand & clay

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	23.4	MG/KG			2.23	28
HEADSPACE PID	40	PPM				
PERCENT SOLIDS	87.2	%				

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

The Irrogate Recovery was at 106 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used



El Paso
Natural Gas Company

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER # 24324		PROJECT NAME Pit Closure Project		DATE: 8-21-95		FIELD ID		
SAMPLERS: (Signature)		LAB ID	DATE	TIME	MATRIX	DATE	TIME	
James V. Feneore DATE: 8-21-95 FIELD ID: 4P51		1	VC	X	X	TPH EPA 418.1	BTEX EPA 8020	
		LAB PID	SEQUENCE #	REMARKS				
		45 Gartner LS #17 70327						

REQUESTED TURNAROUND TIME:
☐ ROUTINE ☐ RUSH

CARRIER CO.:

BILL NO.:

RECEIVED BY: (Signature) *James V. Feneore* DATE/TIME: 8-21-95 10:10

RECEIVED BY: (Signature) *John L. Diddle* DATE/TIME:

RECEIVED BY: (Signature) *James V. Feneore* DATE/TIME: 8-21-95 10:10

RECEIVED BY: (Signature) *John L. Diddle* DATE/TIME:

RECEIVED BY: (Signature) *John L. Diddle* DATE/TIME:

RECEIVED BY: (Signature) *John L. Diddle* DATE/TIME:

RESULTS & INVOICES TO:

FIELD SERVICES LABORATORY
EL PASO NATURAL GAS COMPANY
P.O. BOX 4990
FARMINGTON, NEW MEXICO 87499

505-599-2144

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

FM-08-0565-A (Rev. 05-94)



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Water

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	947297
FIELD ID:	JP50
MTR CODE:	70327
SAMPLE DATE:	08/21/95
SAMPLE TYPE:	WG
SITE NAME:	Gartner LS #7
PROJECT:	Phase III Excavation
DATE OF BTEX ANALYSIS:	08/23/95

FIELD COMMENTS:

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT	QUALIFIER	WQCC LIMIT PPB
TDS - TOTAL DISSOLVED SOLIDS (PPM)	Not Required		None
BENZENE (PPB)	<2.5		10
TOLUENE (PPB)	<2.5		740
ETHYL BENZENE (PPB)	<2.5		750
TOTAL XYLENES (PPB)	<7.5		620
SURROGATE % RECOVERY	107%	Allowed Range 80 to 120 %	

NOTES:



Natural Gas Company

CHAIN OF CUSTODY RECORD

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White - Testing Lauqra. Canahy - EPNG Lab Pink - Field Sampler

FM-08-1005 A (Rev. 05-94)