PHILIP ENVIRONMENTAL

Environmental Services Group
Southern Region

Green Com #1 E-36-29N-09W
Meter Code 75323

Pit was excavated to 8 feet beneath ground surface. Headspace soil readings from excavation bottom were 403 parts per million. Soil analytical from composite were as follows; benzene - < .5 mg/kg, total BTEX - 1 mg/kg, TPH - <10 mg/kg. Groundwater was encountered at approximately 8 foot below ground surface, and one groundwater sample was collected for analysis with results as follows; benzene - <5.0 ppb, toluene - 14.6 ppb, ethylbenzene - 27.8 ppb, total xylenes - 484 ppb.

A RECON® survey was conducted and four groundwater and four soil-gas samples were collected, one from each side of the pit. The samples were collected and analyzed using a laboratory-grade gas chromatograph by Philip Environmental's RECON® System. No BTEX constituents were detected.

Denny Foust
DEPUTY OIL & GAS INSPECTOR
FEB 0 6

J:\16297\mn

PHILIP ENVIRONMENTAL SERVICES CORPORATION
4000 Monroe Road • Farmington, NM 87401
(505) 326-2262 • Fax (505) 326-2388

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 75323 Location: GREEN COM #1
Operator #: 2999 Operator Name: MERIDIAN P/L District: BLANCO
Coordinates: Letter: E Section 36 Township: 29 Range: 9
Or Latitude _____ Longitude _____
Pit Type: Dehydrator ___ Location Drip: X Line Drip: ___ Other: _____
Site Assessment Date: 5·15·94 Area: 63 Run: 31

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps)
Inside ☒ (1)
Outside ☐ (2)

Land Type:
BLM ☐ (1)
State ☒ (2)
Fee ☐ (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) ☐ (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 CAÑON LARGO
(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: 40 **POINTS**

REMARKS

Remarks : ONLY PIT ON LOCATION. PIT IS DRY. LOCATION SITS RIGHT NEXT TO LARGO WASH ON THE SOUTH SIDE. REDLINE AND TOPO CONFIRMED LOCATION INSIDE V.Z.

DIG & HAUL

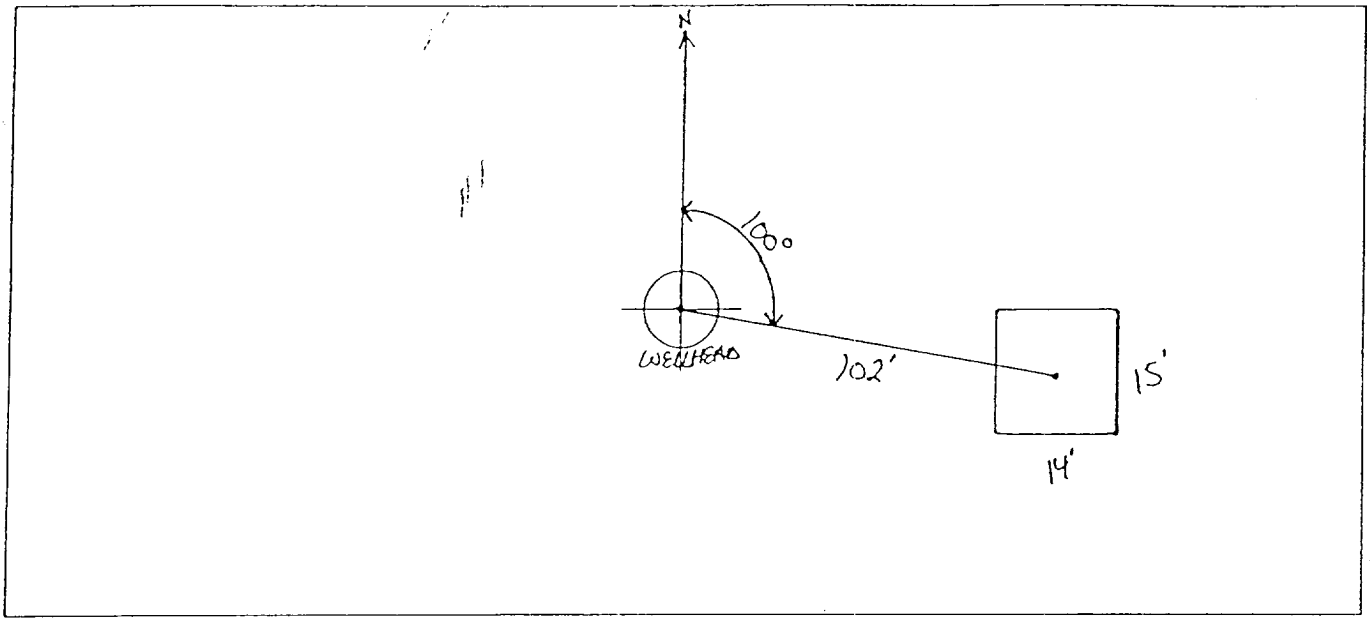
75323

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 100° Footage from Wellhead 102'

b) Length : 15' Width : 14' Depth : 1'



REMARKS

Remarks :

TOOK PICTURES AT 12:57 P.M.

END DUMP

Completed By:

Robert Thompson 5-15-94

Phase I Excavation

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

eter: 75323 Location: Green Com #1

Coordinates: Letter: E Section 36 Township: 29 Range: 9

Or Latitude _____ Longitude _____

Date Started : 5-23-94 Area: 03 Run: 31

FIELD OBSERVATIONS

Sample Number(s): KD82 _____ _____ _____

Sample Depth: 8' Feet

Final PID Reading 403 ppm PID Reading Depth 8' Feet

Yes No

Groundwater Encountered ☒ (1) ☐ (2) Approximate Depth 8' Feet

CLOSURE

emediation Method :

Excavation ☒ (1) Approx. Cubic Yards 75

Onsite Bioremediation ☐ (2)

Backfill Pit Without Excavation ☐ (3)

Soil Disposition:

Envirotech ☐ (1) ☒ (3) Tierra

Other Facility ☐ (2) Name: _____

Pit Closure Date: 5-24-94 Pit Closed By: BEI

REMARKS

Remarks : Hit Contamination At 2 to 3 feet, At 5' soil Became moist and Sidewalls Began to sluff off. At 8' had A steady Stream of water Flowing, Contacted Rick Cosby, took PID Sample. Left Pit open For Ricky Cosby to get samples & Pictures. Crew Barricaded Pit.

*closed pit on 5-24-94

ignature of Specialist: Kenny Deaver

(SP3191) 04/07/94

El Paso Natural Gas Company

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KD82	945283
MTR CODE | SITE NAME:	75323	Green Com #1
SAMPLE DATE | TIME (Hrs):	05/23/94	1345
PROJECT:	Phase I	
DATE OF TPH EXT. | ANAL.:	05/26/94	05/26/94
DATE OF BTEX EXT. | ANAL.:	05/26/94	05/26/94
TYPE | DESCRIPTION:	VC	Gray course sand

Field Remarks: Water sample #945296 (Split)

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.05	MG/KG				
TOLUENE	<0.05	MG/KG				
ETHYL BENZENE	<0.05	MG/KG				
TOTAL XYLENES	<0.05	MG/KG				
TOTAL BTEX	<0.20	MG/KG	0.01		2.76	30
TPH (418.1)	<10	MG/KG			2.14	28
HEADSPACE PID	403	PPM				
PERCENT SOLIDS	79.2	%				

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

The Surrogate Recovery was at 121 % for this sample All QA/QC was acceptable.

Narrative:

performed analyses. Surrogate recovery was outside ATI limits due to matrix interference.

DF = Dilution Factor Used

Approved By: [signature] Date: 7/18/94

El Paso Natural Gas Company

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER	PROJECT NAME	SAMPLERS: (Signature)	DATE:
	Pit Closure Project # 24324	Kenny Deaver	5-24-94

LAB ID	DATE	TIME	MATRIX	SAMPLE NUMBER	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	REQUESTED ANALYSIS: TPH EPA 418.1	REQUESTED ANALYSIS: BTEX EPA 8020					CONTRACT LABORATORY P. O. NUMBER / REMARKS
	5-23-94	1345	Soil	KD 82	1	VG	X	X				74	Carried over from 5-23-94 - Per Rick Casbys Instr.
	5-24-94	1055	Soil	KD 84	1	VG	X	X				76	Soil Black - High odor
	5-24-94	1315	Soil	KD 85	1	VG	X	X				77	

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
Kenny Deaver	5-24-94 1510	Lynne Crocker	Lynne Crocker	5/25/94 0755	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED OF LABORATORY BY: (Signature)

REQUESTED TURNAROUND TIME:
☐ ROUTINE ☐ RUSH _____

CARRIER CO.

BILL NO.:

SAMPLE RECEIPT REMARKS

CHARGE CODE

RESULTS & INVOICES TO:

FIELD SERVICES LABORATORY
EL PASO NATURAL GAS COMPANY
P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499
505-599-2144 FAX: 505-599-2261

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

El Paso Natural Gas Company

FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Water

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	945296
FIELD ID:	RC
MTR CODE:	75323
SAMPLE DATE:	05/23/94
SAMPLE TYPE:	G
SITE NAME:	Green Com #1
PROJECT:	Phase I
DATE OF BTEX ANALYSIS:	05/26/94

FIELD COMMENTS: _____

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT	QUALIFIER	WQCC LIMIT PPB
TDS - TOTAL DISSOLVED SOLIDS (PPM)	Not Required		None
BENZENE (PPB)	<5.0		10
TOLUENE (PPB)	14.6		740
ETHYL BENZENE (PPB)	27.8		750
TOTAL XYLENES (PPB)	484		620
SURROGATE % RECOVERY	110	Allowed Range 80 to 120 %	

NOTES:

El Paso Natural Gas Company

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NUMBER	PROJECT NAME	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	REQUESTED ANALYSIS						CONTRACT LABORATORY P. O. NUMBER
	Pit Closure Project # 24324			TPH EPA 418.1	BTEX EPA 8020					
SAMPLERS: (Signature)	DATE:									
LAB ID / DATE / TIME / MATRIX / SAMPLE NUMBER										REMARKS
		1	G		X					

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
	5-21-97 0650				
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED OF LABORATORY BY: (Signature)

REQUESTED TURNAROUND TIME:
☐ ROUTINE ☐ RUSH _____

CARRIER CO.

BILL NO.:

SAMPLE RECEIPT REMARKS

CHARGE CODE

RESULTS & INVOICES TO:

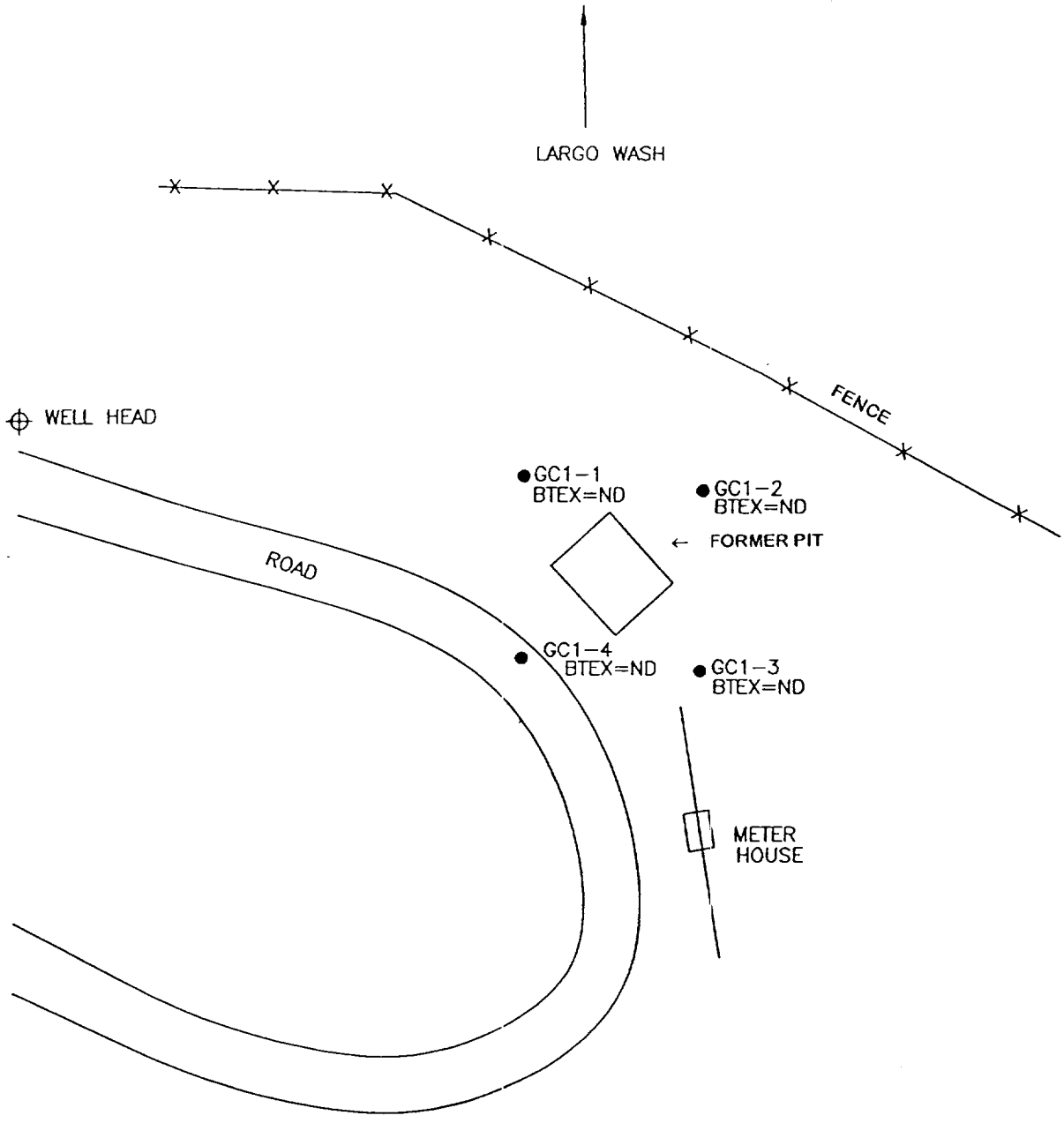
FIELD SERVICES LABORATORY
EL PASO NATURAL GAS COMPANY
P. O. BOX 4990
FARMINGTON, NEW MEXICO 87499

505-599-2144 FAX: 505-599-2261

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

FM-08-0565A (Rev. 03-94)

RECON®



LEGEND

B	BENZENE (ug/L)
T	TOLUENE (ug/L)
E	ETHYL BENZENE (ug/L)
X	XYLENE (ug/L)
ug/L	MICROGRAMS PER LITER
●GC1-1	APPROXIMATE PROBEHOLE LOCATION AND NUMBER

0 30
FEET

N

*NOTE: Results are of groundwater samples only

PHILIP ENVIRONMENTAL

TITLE:
EPNG RECON Pits
Green Com #1

SCALE	1=30	DATE
DWN:	JEN	4/6/95
DES:	JEN	4/6/95
CHKD:	SP	4/6/95
APPD:	SP	4/6/95

PROJECT NO: 13947
EPNG
SAN JUAN COUNTY, NM

Figure 14

REV: 0

COL. 13947 1

BURLINGTON ENVIRONMENTAL

RECON SAMPLE ANALYSIS
DATA SUMMARY TABLE
Project: 13947

Sample I.D.	Probe Hole Number	Depth (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	m+p-Xylene (ug/L)	o-Xylene (ug/L)	Comments
CC1-4-3	PH-04	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
CC1-4-6	PH-04	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
C23-1-6	PH-01	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
C23-2-6	PH-02	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
C23-3-6	PH-03	6	533	46	77	675	23	Groundwater
C23-3-2	PH-03	2	5,961	374,338	358,848	70,188	32,179	Groundwater
C23-4-3	PH-04	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
C23-4-6	PH-04	6	ND(1)	2	ND(1)	4	2	Groundwater
C23-5-2	PH-05	2	224	203	138	9	3	Soil-gas
C23-5-6	PH-05	6	8,391	13,477	8,117	24,869	11,100	Groundwater
C23-6-6	PH-06	6	14,905	60,242	25,333	126,469	68,278	Groundwater
C23-7-6	PH-07	6	4,592	10,086	2,512	11,759	6,075	Groundwater
C23-7-6-D	PH-07	6	4,631	9,264	2,449	7,383	4,014	QC - Duplicate
Blank-33	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
QCRT-11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	QC -Retention Times
Blank-34	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
STD-0315	N/A	N/A	229	253	226	241	231	Calibration Standard
Blank-35	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
Blank-36	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Probe Rod Blank
C23-8-5	PH-08	5	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
GC1-1-3	PH-01	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
GC1-1-6	PH-01	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
GC1-2-3	PH-02	3	1	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
GC1-2-6	PH-02	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
GC1-3-3	PH-03	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
GC1-3-9	PH-03	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
GC1-4-3	PH-04	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
GC1-4-9	PH-04	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater

D = duplicate analysis
QC = quality control
ug/L = micrograms of compound detected per liter of headspace vapor analyzed
ND = not detected at the lower quantifiable limit indicated in parenthesis
N/A = not applicable
* = possible interference

QA Review: Gary W. Wood

Review Date: March 31, 1995