



Environmental Services Group
Southern Region

Grace Pearce #1 0-22-29W-11W
Meter Code 72387

Pit was excavated to 6 feet beneath ground surface. Headspace soil readings from excavation bottom were 98 parts per million. Soil analytical from composite were as follows; benzene - < .5 mg/kg, total BTEX - 2 mg/kg, TPH - <10 mg/kg. Denny Foust gave permission to close after a visit to the site.

Four groundwater samples were collected, one from each side of the pit. The samples were collected and analyzed using Philip Environmental's Recon System. No BTEX constituents were detected.

Denny E. Foust
DEPUTY OIL & GAS INSPECTOR

FEB 06 97

Approval



FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 72387 Location: GRACE PEARCE #1
 Operator #: 7125 Operator Name: JOHN C. PICKETT P/L District: BLOOMFIELD
 Coordinates: Letter: D Section 22 Township: 29 Range: 11
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Visit Date: 4.13.94 Run: 10 81

SITE ASSESSMENT

NMOCD Zone: Inside _____ Land Type: BLM ☐
 (From NMOCD Vulnerable _____ State ☐
 Maps) Zone ☒ Fee ☒
 Outside ☐ Indian _____

Depth to Groundwater

Less Than 50 Feet (20 points) ☒
 50 Ft to 99 Ft (10 points) ☐
 Greater Than 100 Ft (0 points) ☐

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? ☒ YES (20 points) ☐ NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☐
 200 Ft to 1000 Ft (10 points) ☐
 Greater Than 1000 Ft (0 points) ☒

Name of Surface Water Body _____

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

TOTAL HAZARD RANKING SCORE: 40 POINTS

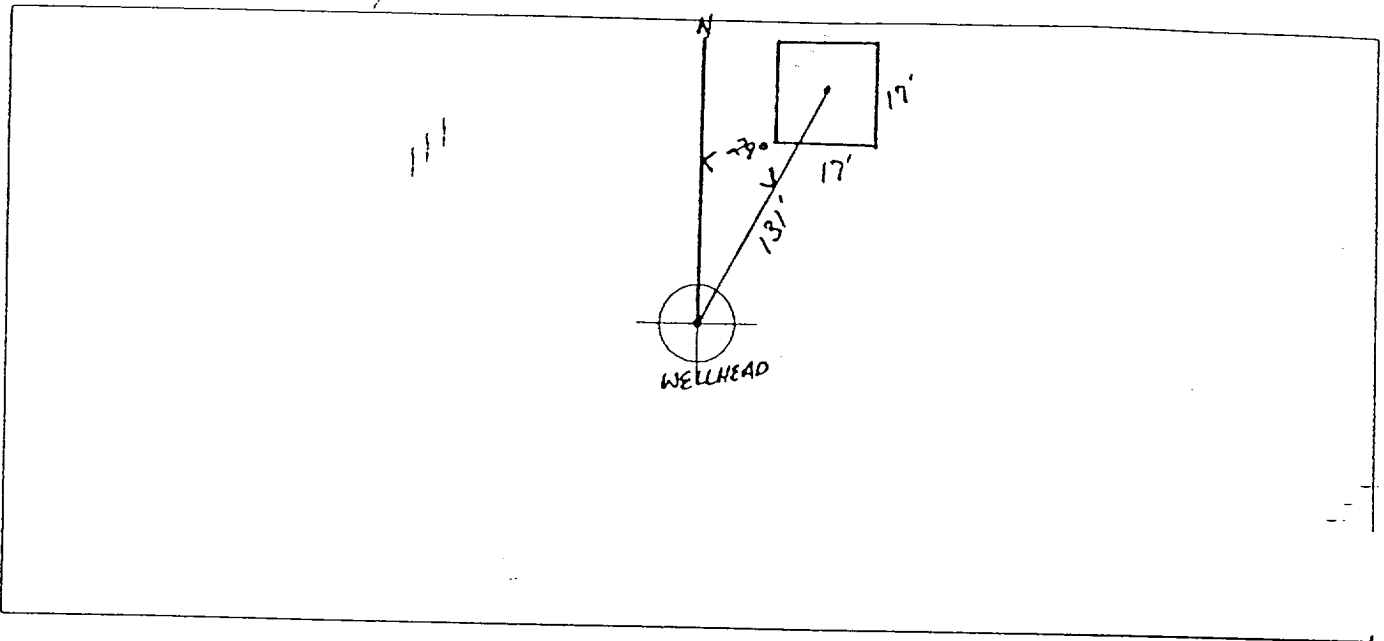
REMARKS

Remarks : ONLY PIT ON LOCATION. PIT IS DRY. LOCATION IS INSIDE A FENCED PASTURE.

72287

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 29° Footage to Wellhead 131'
 b) Degrees from North _____ Footage to Dogleg _____
 Dogleg Name _____
 c) Length : 17' Width : 17' Depth : 2'



Remarks :

STARTED TAKING PICTURES AT 9:21 A.M.

DUMP TRUCK - BOBTAIL

Completed By:

Pat Thompson

4.13.94

ORIGINAL PIT LOCATION

REMARKS

Phase I Excavation

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 72387 Location: Grace Pearce #1
 Coordinates: Letter: 0 Section 22 Township: 29 Range: 11
 Or Latitude _____ Longitude _____
 Date Started : 5/4/94 Area: 10 Run: 81

FIELD OBSERVATIONS

Sample Number(s): 4P17
 Sample Depth: 6 Feet
 Final PID Reading 98 ppm PID Reading Depth 6 Feet
 Yes No
 Groundwater Encountered ☒ (1) ☐ (2) Approximate Depth 3 Feet

CLOSURE

Remediation Method :
 Excavation ☒ (1) Approx. Cubic Yards 50
 Onsite Bioremediation ☐ (2)
 Backfill Pit Without Excavation ☐ (3)
 Soil Disposition:
 Envirotech ☐ (1) ☒ (3) Tierra
 Other Facility ☐ (2) Name: _____
 Pit Closure Date: 5/4/94 Pit Closed By: BFI

REMARKS

Remarks : started Remediating pit went to approx. 3ft
hit water went to 6 ft took PID Reading it was
98 ppm at 79° Called OGD talked to Denny Futz, came out
& gave permission to close.

Signature of Specialist: James J. Penrose



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	JP17	945070
MTR CODE SITE NAME:	72387	Grace Pearce #1
SAMPLE DATE TIME (Hrs):	05/04/94	1620
PROJECT:	Phase I	
DATE OF TPH EXT. ANAL.:	05/05/94	05/05/94
DATE OF BTEX EXT. ANAL.:	05/09/94	05/13/94
TYPE DESCRIPTION:	VC	Brown clay soil

Field Remarks: Ref. Water 945075

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.025	MG/KG	1			
TOLUENE	<0.025	MG/KG	1			
ETHYL BENZENE	0.11	MG/KG	1			
TOTAL XYLENES	1.0	MG/KG	1			
TOTAL BTEX	1.2	MG/KG				
TPH (418.1)	<10	MG/KG			2.14	28
HEADSPACE PID	98	PPM				
PERCENT SOLIDS	70.3	%				

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

TPH Surrogate Recovery was at 74 % for this sample All QA/QC was acceptable.
N/A
performed analyses.

DF = Dilution Factor Used



Natural Gas Company

CHAIN OF CUSTODY RECORD

Page 1 of 1

PROJECT NUMBER		PROJECT NAME		PROJECT ANALYSIS		REQUESTED ANALYSIS		TOTAL NUMBER OF CONTAINERS		SAMPLE TYPE		REMARKS	
SAMPLERS: (Signature)		DATE		SAMPLE NUMBER		TPH EPA 418.1		BTEX EPA 8020		REMARKS		REMARKS	
LAB ID	DATE	TIME	MATRIX	SAMPLE NUMBER		TPH EPA 418.1		BTEX EPA 8020		REMARKS		REMARKS	
	5/14/94	0900	Soil	4P15		X		X		13		Floor & Walls black / Sand Rock 9 Fr	
	5/14/94	1200	Soil	4P16		X		X		14		Walls Black / Floor Clay / water 3 Fr	
	5/14/94	1620	Soil	4P17		X		X		15			
[Signature: James J. Ponce] DATE: 5/14/94													
RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
James J. Ponce		5/14/94 1900		James J. Ponce		3405		James J. Ponce		5/14/94 945		James J. Ponce	
RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
REQUESTED TURNAROUND TIME:				SAMPLE RECEIPT REMARKS				RESULTS & INVOICES TO:					
☐ ROUTINE ☐ RUSH								FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P. O. BOX 4990 FARMINGTON, NEW ME 05409 87499					
CARRIER CO.				CHARGE CODE				505-599-2144 FAX: 505-2261					
BILL NO.:													



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Water

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	945075
FIELD ID:	RC
MTR CODE:	72387
SAMPLE DATE:	05/04/94
SAMPLE TYPE:	G
SITE NAME:	Grace Pearce #1
PROJECT:	Phase I Excavation
DATE OF BTEX ANALYSIS:	05/13/94

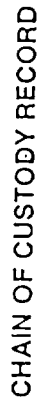
FIELD COMMENTS: Ref. soil #945070

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT	QUALIFIER	WQCC LIMIT PPB
TDS - TOTAL DISSOLVED SOLIDS (PPM)	Not Required		None
BENZENE (PPB)	6.9		10
TOLUENE (PPB)	140		740
ETHYL BENZENE (PPB)	87		750
TOTAL XYLENES (PPB)	870		620
SURROGATE % RECOVERY	83	Allowed Range 80 to 120 %	

NOTES:

All performed analyses. DF = 500

[illegible]

RECON®



HOUSE

LEGEND

B BENZENE (ug/L)
T TOLUENE (ug/L)
E ETHYL BENZENE (ug/L)
X XYLENE (ug/L)
ug/L MICROGRAMS PER LITER

● GP1-1 APPROXIMATE PROBEHOLE LOCATION AND NUMBER

*NOTE: Results are of groundwater samples only

FENCE

PASTURE

● GP1-2
BTEX=ND

← FORMER PIT

● GP1-1
BTEX=ND

● GP1-3
BTEX=ND

● GP1-4
BTEX=ND

DRAINAGE

DRAINAGE

ROAD

METER HOUSE

SAN JUAN RIVER

⊕ WELL HEAD

0 30
FEET



PHILIP
ENVIRONMENTAL

TITLE:
EPNG RECON Pits
Grace Pearce #1

SCALE 1=30

DATE

PROJECT NO: 13947

DWN: JEN

4/6/95

EPNG
SAN JUAN COUNTY, NM

DES: JEN

4/6/95

CHKD: SP

4/6/95

APPD: SP

4/6/95

Figure 5

REV:
0

139478

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**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
GPI-1-6 *	PH-01	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	GW/Silt/Clay Slurry
GPI-2-2 *	PH-02	2	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
GPI-3-3	PH-03	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
GPI-4-2	PH-04	2	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
TAI-1-3	PH-01	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
QCRT-05	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Soil-gas
TAI-1-9	PH-01	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC-Retention Times
TAI-2-3	PH-02	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
TAI-2-9	PH-02	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
TAI-3-3	PH-03	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
TAI-3-9	PH-03	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
TAI-4-3	PH-04	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
TAI-4-6	PH-04	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
TAI-5-3	PH-05	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
TAI-5-7.5	PH-05	7.5	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
TAI-5-7.5-D	PH-05	7.5	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
Blank-16	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Duplicate
QCRT-06	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
Blank-17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	QC - Retention Times
STD-0308	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
Blank-18	N/A	N/A	229	253	226	241	231	Calibration Standard
Blank-19	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
SB1-1-3	PH-01	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Probe Rod Blank
SB1-1-6	PH-01	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-1-9	PH-01	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-2-3	PH-02	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
SB1-2-6	PH-02	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-2-9	PH-02	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas

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

NA = not applicable

* = possible interference

QA Review:

Larry W. Wood

Review Date:

March 31, 1995