



Environmental Services Group
Southern Region

Sanchez Gas Com C#1
Meter Code 94879

A-28-29W-10W

Pit was excavated to 8 feet beneath ground surface, where groundwater was encountered. The headspace soil reading from excavation bottom was 0 parts per million. Soil analytical were as follows; benzene - <0.5 mg/kg, total BTEX - 1 mg/kg, TPH - 10 mg/kg. Groundwater analytical were as follows; benzene - 1 ppb, toluene - 4.8 ppb, ethylbenzene - 0.6 ppb, total xylenes - 6.7 ppb.

A RECON® survey was conducted and two soil-gas samples were collected from two separate probe holes and four groundwater samples were collected from four separate probe holes. All samples were collected and analyzed using a laboratory-grade gas chromatograph by Philip Environmental's RECON® System. The probe holes were located adjacent to all four sides of the pit. No BTEX constituents were detected.

Denny A. But
DEPUTY OIL & GAS INSPECTOR

IFEB 0 '6

97

Approval



FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 94879 Location: SANCHEZ GAS COM C #1
 Operator #: 0203 Operator Name: AMOCO P/L District: BLOOMFIELD
 Coordinates: Letter: A Section 28 Township: 29 Range: 10
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Visit Date: 4.11.94 Run: 10 42

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 SAN JUAN RIVER

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

TOTAL HAZARD RANKING SCORE: 30 POINTS

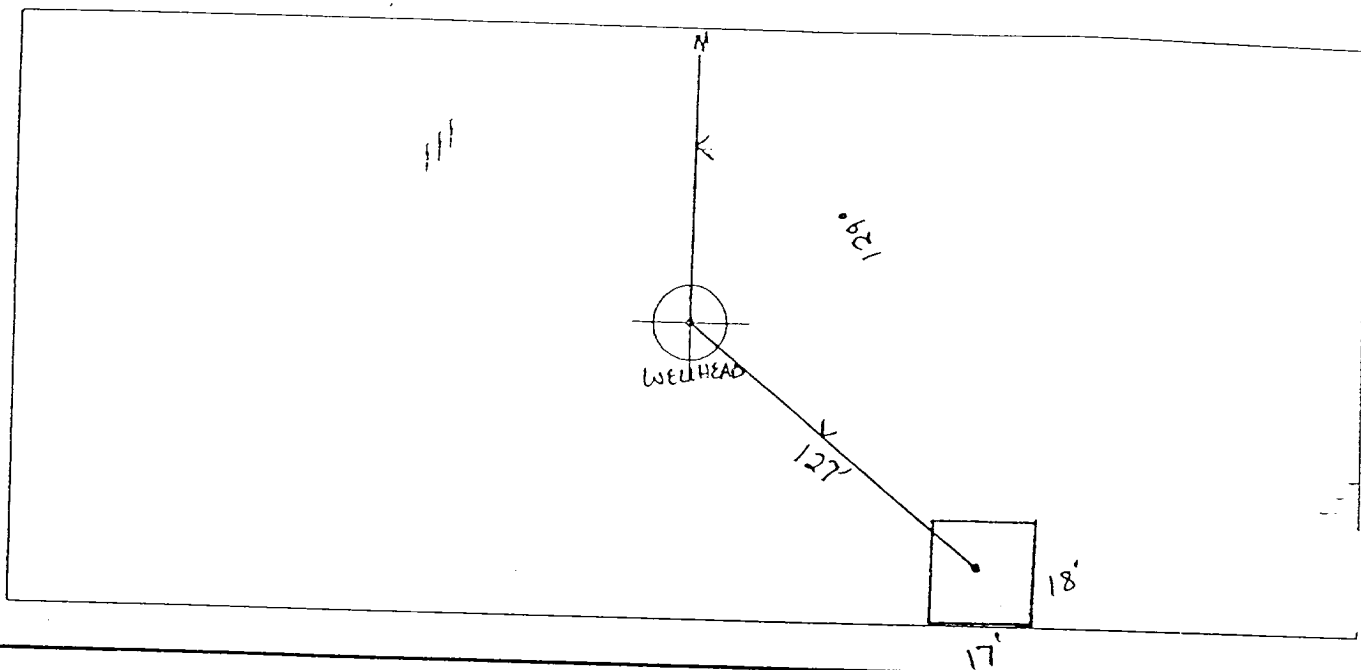
REMARKS

Remarks: Four pits on location. Will close only one pit
is wet. Location is close to San Juan River.

94879

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 129° Footage to Wellhead 127'
 b) Degrees from North _____ Footage to Dogleg _____
 Dogleg Name _____
 c) Length : 18' Width : 17' Depth : 4'



Remarks :

STARTED TAKING PICTURES AT 3:35 P.M.
END DUMP

Completed By:

Robert Champion

4-11-94

Phase I Excavation

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>94879</u> Location: <u>SANCHEZ GAS COM C #1</u> Coordinates: Letter: <u>A</u> Section <u>28</u> Township: <u>29</u> Range: <u>10</u> Or Latitude _____ Longitude _____ Date Started : <u>4/29/94</u> Area: <u>10</u> Run: <u>42</u>
FIELD OBSERVATIONS	Sample Number(s): <u>KP^s7</u> Sample Depth: <u>8'</u> Feet Final PID Reading <u>000</u> PID Reading Depth <u>8'</u> Feet Yes No Groundwater Encountered ☒ (1) ☐ (2) Approximate Depth <u>8'</u> Feet
CLOSURE	Remediation Method : Excavation ☒ (1) Approx. Cubic Yards <u>40</u> Onsite Bioremediation ☐ (2) Backfill Pit Without Excavation ☐ (3) Soil Disposition: Envirotech ☐ (1) ☒ (3) Tierra Other Facility ☐ (2) Name: _____ Pit Closure Date: <u>4/29/94</u> Pit Closed By: <u>B.E.I.</u>
REMARKS	Remarks : <u>ON LOCATION SOME LINE MARKERS. LOOKED AT</u> <u>PIT AND GRASSY IN PIT WITH A LITTLE PROCEDED IN IT. DUG DOWN</u> <u>8' AND HIT WATER. NO HC ORDER. PHONE CALL FROM</u>
	Signature of Specialist: <u>Kelly Radilla</u>



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	Field ID KP7	Lab ID 945047
MTR CODE SITE NAME:	94879	Sanchez Gas Com C #1
SAMPLE DATE TIME (Hrs):	04/29/94	1015
PROJECT:	Phase I	
DATE OF TPH EXT. ANAL.:	05/02/94	05/02/94
DATE OF BTEX EXT. ANAL.:	05/05/94	05/08/94
TYPE DESCRIPTION:	VC	Brown sand

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.025	MG/KG				
TOLUENE	0.043	MG/KG				
ETHYL BENZENE	<0.025	MG/KG				
TOTAL XYLENES	0.026	MG/KG				
TOTAL BTEX	0.119	MG/KG				
TPH (418.1)	< 10	MG/KG			2.15	28
HEADSPACE PID	0	PPM				
PERCENT SOLIDS	74.8	%				

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

The Surrogate Recovery was at 79 % for this sample All QA/QC was acceptable.
Narrative:

TLR formed analysis.

DF = Dilution Factor Used

Approved By:

Date:

7/19/96

CHAIN OF CUSTODY RECORD

Page 1 of 1

PROJECT NUMBER		PROJECT NAME		CONTRACT LABORATORY P. O. NUMBER	
SAMPLERS: (Signature)		DATE			
Kelly Padilla		4/29/94			
LAB ID	DATE	TIME	MATRIX	SAMPLE NUMBER	REMARKS
	4/29/94	1015	Soil	KP #7	GW at 8'
	4/29/94	1300	Soil	KP #8	GW at 8'
	4/29/94	1326	Soil	KP #9	GW at 6'
	4/29/94	1445	Soil	KP #10	
TPH EPA 418.1 BTEX EPA 8020					
TOTAL NUMBERS OF CONTAINERS		SAMPLE TYPE		REQUESTED ANALYSIS	
1		YC		5	
1		YC		6	
1		YC		7	
1		YG		8	
RELINQUISHED BY: (Signature) DATE/TIME 330 RECEIVED BY: (Signature) DATE/TIME 30°F					
RELINQUISHED BY: (Signature) DATE/TIME 4/29/94 1610 RECEIVED BY: (Signature) DATE/TIME 5/2/94 1005					
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature) DATE/TIME					
REQUESTED TURNAROUND TIME: ☐ ROUTINE ☐ RUSH					
CARRIER CO. 505-599-2144 505-599-2261					
BILL NO.: 505-599-2144 505-599-2261					

RESULTS & INVOICES TO:

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



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Water

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	945051
FIELD ID:	AJ
MTR CODE:	94879
SAMPLE DATE:	04/29/94
SAMPLE TYPE:	G
SITE NAME:	Sanchez Gas Com C #1
PROJECT:	Phase I Excavation
DATE OF BTEX ANALYSIS:	05/11/94

FIELD COMMENTS: Ref soil 945047

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT	QUALIFIER	WQCC LIMIT PPB
TDS - TOTAL DISSOLVED SOLIDS (PPM)	Not Required		None
BENZENE (PPB)	1.0		10
TOLUENE (PPB)	4.8		740
ETHYL BENZENE (PPB)	0.6		750
TOTAL XYLENES (PPB)	6.7		620
SURROGATE % RECOVERY	99	Allowed Range 80 to 120 %	

OTF

TI, formed analysis. DF=1

Approved By

[Signature]

7/16/94



Page 1 of 1

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

RECON®

○ OTHER WELL SITES

○ TANKS

SEPARATOR
PIT

WELL HEAD

LEGEND

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

● SC1-1 APPROXIMATE PROBEHOLE LOCATION AND NUMBER

*NOTE: Results are of groundwater samples only

DITCH WITH STANDING WATER

METER HOUSE

● SC1-3
BTEX=ND

FORMER PIT ↓

● SC1-4
BTEX=ND

● SC1-2
BTEX=ND

TREES AND BUSHES ● SC1-1
BTEX=ND

EDGE OF WELL PAD

SAN JUAN RIVER

0 30
FEET

PHILIP
ENVIRONMENTAL

TITLE:
EPNG RECON Pits
Sanchez Gas Com C #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 8

REV:
0

NOTICE: THIS DRAWING, DESIGNS AND DETAILS ARE CONFIDENTIAL, AND THE EXCLUSIVE PROPERTY OF PHILIP ENVIRONMENTAL, INC., AND ARE NOT TO BE USED IN ANY WAY OTHER THAN INTENDED WITHOUT THE EXPRESS AUTHORIZATION OF PHILIP ENVIRONMENTAL, INC. THIS DRAWING AND ANY COPIES OR REPRODUCTIONS ARE TO BE RETURNED UPON REQUEST.



**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
SB1-3-3	PH-03	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-3-6	PH-03	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-3-9	PH-03	9	163	115	ND(1)*	38	464	Groundwater
SB1-4-3	PH-04	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-4-6	PH-04	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-4-9	PH-04	9	ND(1)	30	21	109	12	Groundwater
SB1-5-3	PH-05	3	ND(1)	ND(1)	ND(1)	5	13	Soil-gas
SB1-5-6	PH-05	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-5-11	PH-05	11	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
SB1-6-3	PH-06	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-6-6	PH-06	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SB1-6-9	PH-06	9	ND(1)	ND(1)	ND(1)	4	ND(1)	Groundwater
SC1-1-3	PH-01	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SC1-1-6 *	PH-01	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
SC1-1-6-D	PH-01	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
Blank-20	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Duplicate
QCRT-07	N/A	N/A	N/A	N/A	N/A	N/A	N/A	QC - System Blank
SC1-2-3	PH-02	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Retention Times
SC1-3-3	PH-03	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
SC1-3-9	PH-03	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
SC1-4-3	PH-04	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
SC1-4-9	PH-04	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
Blank-21	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
QCRT-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	QC - System Blank
Blank-22	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Retention Times
STD-0312	N/A	N/A	229	253	226	241	231	Calibration Standard
Blank-23	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
Blank-24	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Probe Rod Blank

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:

Larry W. Wood

Review Date:

March 31, 1995