

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

RISK
TPH-BTEX
Soil Gas
INSIDE

Sullivan Gas Com Well No. 1
Meter/Line ID – 70760

SITE DETAILS

Legals - Twn: 32N	Rng: 10W	Sec: 22	Unit: M
NMOCD Hazard Ranking: 40		Land Type: Fee	
Operator: Amoco		Pit Closure Date: 09/21/94	

RATIONALE FOR RISK-BASED CLOSURE

The pit noted above was assessed and ranked according to the criteria in the New Mexico Oil Conservation Division's (NMOCD) Unlined Surface Impoundment Closure Guidelines.

A Phase I excavation was conducted on September 21, 1994, to 12 feet below ground surface and a soil sample was collected for field headspace analysis and laboratory analysis for benzene, total BTEX, and TPH. Groundwater was not encountered in the pit. Approximately 60 cubic yards of material was removed and sent to an OCD approved centralized site. The pit was backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 510 ppm; laboratory analysis indicated a benzene concentration of 2.8 mg/kg, a total BTEX concentration of 274 mg/kg, and a TPH concentration of 4060 mg/kg. TPH and BTEX were above required remediation levels for the Hazard Ranking Score.

On July 28, 1995, a Phase II borehole was conducted to 21 feet below ground surface where bedrock was encountered. Groundwater was not encountered in the borehole. The borehole was grouted to the surface in a manner to direct surface runoff away from the pit area. A soil gas survey conducted indicates the BTEX compound to be below action levels directly down gradient of the pit.

El Paso Field Services Company (EPFS) requests closure of the above mentioned production pit location for the following reasons:

- The primary source, discharge to the pit, has been removed for almost six years.
- The pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Groundwater was not encountered in the excavation or the borehole.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Bedrock was encountered at 21 feet below ground surface; consequently, impact to groundwater is unlikely.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.
- The pit was excavated to the practical extent of the equipment, according to EPNG's pit closure plan.

ATTACHMENT

Field Pit Assessment Form

Phase II Geologic Log

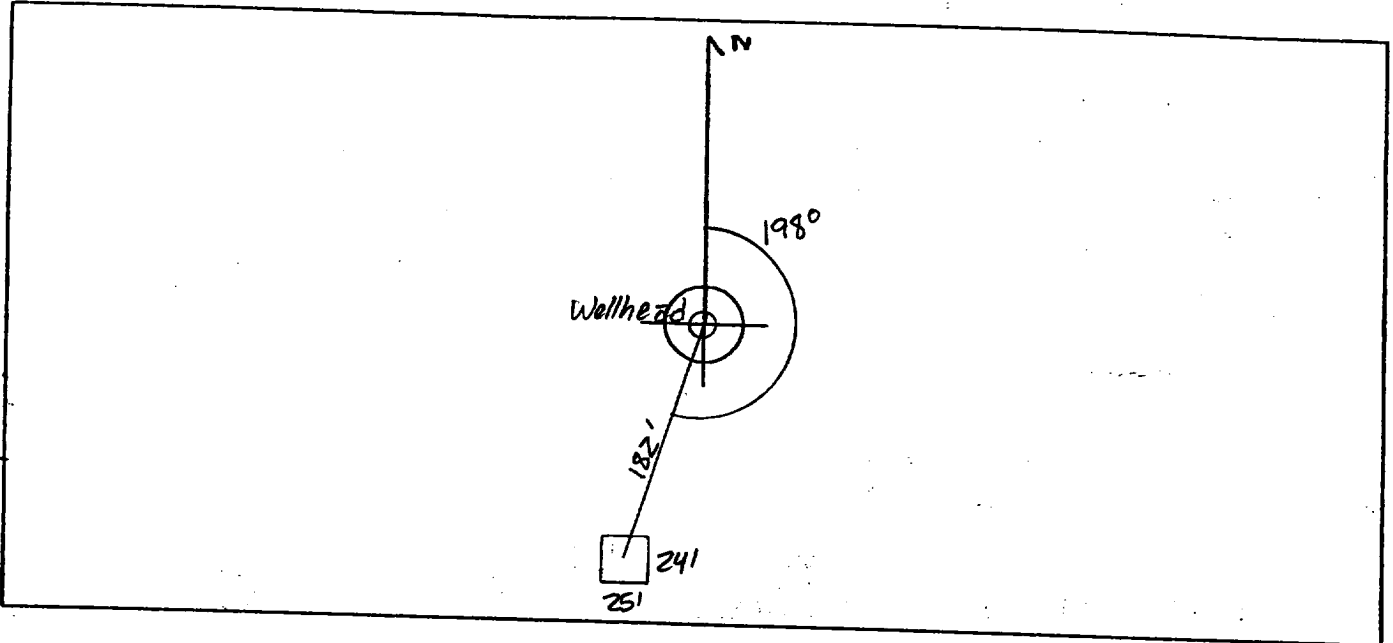
FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>70-760</u> Location: <u>Sullivan Gas Com Well No. 1</u> Operator #: <u>0203</u> Operator Name: <u>Amoco</u> P/L District: <u>Aztec</u> Coordinates: Letter: <u>M</u> Section <u>22</u> Township: <u>32</u> Range: <u>10</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>9/7/94</u> Area: <u>04</u> Run: <u>43</u>
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 <u>Animas River</u> (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: <u>40</u> POINTS
REMARKS	Remarks : <u>Redline Book - Inside</u> <u>Vulnerable Zone Type - Inside</u> <u>Four pits, location drip pit has ^{skd} liquid in it. Will close one pit.</u> <u>DIG 4 HAUL</u>

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 198° Footage from Wellhead 182'
b) Length : 25' Width : 24' Depth : 4'

ORIGINAL PIT LOCATION



REMARKS

Remarks :

Pictures @ 1150 (5-8, Roll 2)
Dump Truck

Completed By:

Sam Kelly
Signature

9/7/94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>70760</u> Location: <u>Sullivan GAS Com well #1</u> Coordinates: Letter: <u>M</u> Section <u>22</u> Township: <u>23</u> Range: <u>10</u> Or Latitude _____ Longitude _____ Date Started : <u>9/21/94</u> Run: <u>04</u> <u>43</u>
FIELD OBSERVATIONS	Sample Number(s): <u>KD 269</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>510 ppm</u> PID Reading Depth <u>12'</u> Feet Yes No Groundwater Encountered ☐ ☒ Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation ☒ Approx. Cubic Yards <u>60</u> Onsite Bioremediation ☐ Backfill Pit Without Excavation ☐ Soil Disposition: Envirotech ☐ ☒ Tierra Other Facility ☐ Name: _____ Pit Closure Date: <u>9/21/94</u> Pit Closed By: <u>BEI</u>
REMARKS	Remarks : <u>EXCAVATED pit to 12', Took PID Sample, Closed pit.</u> Signature of Specialist: <u>King Dan</u>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

SAMPLE NUMBER:

KD 269

Lab ID

946180

MTR CODE | SITE NAME:

70760

N/A

SAMPLE DATE | TIME (Hrs):

9-21-94

1600

SAMPLED BY:

N/A

DATE OF TPH EXT. | ANAL.:

9-22-94

9-22-94

DATE OF BTEX EXT. | ANAL.:

9-22-94

9-29-94

TYPE | DESCRIPTION:

VL

Brown Sand & Clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	2.8	MG/KG	20			
TOLUENE	41	MG/KG	20			
ETHYL BENZENE	20	MG/KG	20			
TOTAL XYLENES	210	MG/KG	20			
TOTAL BTEX	274	MG/KG				
TPH (418.1)	4050-4060 9/23/94	MG/KG			2.25	28
HEADSPACE PID	510	PPM				
PERCENT SOLIDS	78.6	%				

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

The Surrogate Recovery was at 211 % for this sample All QA/QC was acceptable.
Narrative:

FTL Results Attached. Surrogate Recovery was outside QC
limits due to matrix interference
DF = Dilution Factor Used

Approved By:

[Signature]

Date:

10/23/94

GAS CHROMATOGRAPHY RESULTS

TEST : BTEX (EPA 8020)
 CLIENT : EL PASO NATURAL GAS ATI I.D.: 409408
 PROJECT # : 24324
 PROJECT NAME : PIT CLOSURE

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
07	946179	NON-AQ	09/21/94	09/27/94	09/29/94	5
08	946180	NON-AQ	09/21/94	09/27/94	09/29/94	20
09	946181	NON-AQ	09/21/94	09/27/94	10/02/94	1

PARAMETER	UNITS	07	08	09
BENZENE	MG/KG	0.23	2.8	<0.025
TOLUENE	MG/KG	0.30	41	<0.025
HYLBENZENE	MG/KG	2.2	20	<0.025
TOTAL XYLENES	MG/KG	15	210	<0.025

SURROGATE:

BROMOFLUOROBENZENE (%) 61* 211* 91

*OUTSIDE ATI QUALITY CONTROL LIMITS DUE TO MATRIX INTERFERENCE



Analytical **Technologies**, Inc.

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

ATI I.D. 409408

October 5, 1994

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

Project Name/Number: PIT CLOSURE 24324

Attention: John Lambdin

On 09/23/94, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **non-aqueous** samples. The samples 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.

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jt

Enclosure





Page _____ of _____

White - Testing Laboratory
Canary - EPN'S Lab
Pink - Field Sampler

RECORD OF SUBSURFACE EXPLORATION

Philip Environmental Services Corp.

4000 Monroe Road

Farmington, New Mexico 87401

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

Borehole #

BH-1

Well #

Page

of

Project Name

EPNG Pits

Project Number

14509

Phase

601-6000

Project Location

Sullivan Gas Com Well No. 1
70760

Well Logged By

S.Kelly

Personnel On-Site

M. Donohue, D. Charley, J. O'Keefe

Contractors On-Site

Client Personnel On-Site

Drilling Method

4 1/4" ID HSA

Air Monitoring Method

CGI, PID

Elevation

Borehole Location T32, R10, S. 22, M

GWL Depth

Logged By

S.Kelly

Drilled By

M. Donohue

Date/Time Started

7/28/95, 0955

Date/Time Completed

7/28/95, 1115

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDU BZ BH S			Drilling Conditions & Blow Counts
0				Backfill to 18'						
5										
10										
15										
20	18-20	21'-23'	.5	silty CLAY, dk grey, 5-20% silt, non-plastic soft damp.						
25	26-28			Cobble- sandy GRAVEL, with clay. dk. grey, 15-25% med. sand, 5-15% clay, coarse gravel, dense, moist		AK 7/28/95 21-25				
30										
35				BoH-23.0'						
40										

Comments:

Auger refusal at 26.0'. Drove spoon to 28'.
No sample taken due to high headspace readings at
refusal. Site is close to Animas River.

Geologist Signature

Sarah Kelly

TABLE 1

RECON® Soil-Gas and Groundwater Investigation

El Paso Natural Gas Company Sites
San Juan Basin
Farmington, New Mexico

PIT LOCATION NAME	METER NUMBER	SAMPLE IDENTIFICATION	PREVIOUS INVESTIGATION
RINCON No. 48	71025	RINCON48	Phase II HSA refusal at 23' bls
RINCON No. 10	70645	RINCON10	Phase II HSA refusal at 25' bls
RINCON No. 70	71580	RINCON70	Phase II HSA refusal at 32' bls
CHACON AMIGOS No. 2	93370	CA2	Phase II HSA refusal at 30' bls
JAQUEZ A No. 1A	89619	JAC1A	Phase II HSA refusal at 18' bls
FLORANCE No. 107 PC	87017	FLORANCE107	Phase II HSA refusal at 29.5' bls
WALKER COM No. 1	75879	WALKERCOM1	Phase II HSA refusal at 27.5' bls
HEATH F1	72505	HEATHF1	Phase II HSA refusal at 18' bls
DAY No. 3	90847	DAY3	Phase II HSA refusal at 30' bls
SULLIVAN No. 1	70760	SULLIVAN1	Phase II HSA refusal at 23' bls
MARCOTTE 1A	89903	MARCOTTE1A	Phase II HSA refusal at 18' bls
TRUJILLO No.1 PC	72089	TRUJILLO1PC	GW encountered in phase I excavation
FEDERAL 6 No. 32	94768	FEDERAL6No32	Phase II soil boring indicated GW at less than 20' bls
CANYON LARGO 304	93788	C-LARGO304	Phase II soil boring indicated GW at less than 20' bls
CANYON LARGO 298	93590	C-LARGO298	Phase II soil boring indicated GW at less than 20' bls
CANYON LARGO 302	93793	C-LARGO302	Phase II soil boring indicated GW at less than 20' bls
K-17 LINE DRIP	N/A	K17LINEDRIP	Phase II soil boring indicated GW at less than 20' bls
HOWELL No. 3 LINE DRIP	N/A	HOWELL#3LD	Phase II soil boring indicated GW at less than 20' bls
LATERAL 2C-1 LINE DRIP	N/A	LATERAL2C-1	Phase II HSA refusal at 42' bls
CUTLER 2	74289	CUTLER2	Phase II soil boring indicated GW at less than 20' bls
LATERAL 2C-22 No. 3 LINE DRIP	N/A	L2C-22No3LD	Phase II soil boring indicated GW at less than 20' bls
NICKELS No. 1 DK	73034	NICKELS#1DK	Phase II soil boring indicated GW at less than 20' bls
McGRATH No. 1	70862	MACGRATH#1	Phase II soil boring indicated GW at less than 20' bls
FLORA VISTA #1	75718	FLORAVISTA1	Phase II soil boring indicated GW at less than 20' bls
MARSHALL B-1J	89039	MB1J	Phase II soil boring indicated GW at less than 20' bls
ARGO No. 1E	93780	ARGO#1E	Phase II soil boring indicated GW at less than 20' bls
TRUNK D LINE DRIP	N/A	TDLD	Phase II soil boring indicated GW at less than 20' bls
K-31 LINE DRIP	N/A	K31LINEDRIP	Phase II soil boring indicated GW at less than 20' bls
MILES FEDERAL No. 1E	94495	MILES#1E-01	Phase II soil boring indicated GW at less than 20' bls
ELLIOT GAS COM No. M1	73147	EGC#M1	Phase II HSA refusal at 22' bls
ELLIOT GAS COM No. S1	75265	EGC#S1	Phase II HSA refusal at 20' bls
LINDRITH B24	94967	LINDRITHB24	Phase II soil boring indicated GW at less than 20' bls
LINDRITH 23	74692	LINDRITH23	Phase II soil boring indicated GW at less than 20' bls
CANEPLA GAS COM No. 1	70714	CGC#1	Phase II HSA refusal at 18.5' bls
OHIO C GVT #3	72890	OCG3	GW encountered during Phase II excavation
C3 LOOP LINE DRIP	N/A	C3LLD	No GW encountered in Phase I excavation
SAN JUAN UNIT 28-6 #79 PM	72265	SJU28679PM	Phase II soil boring indicated GW at less than 20' bls
HAMMOND 41A	89894	H41A	Phase II soil boring indicated GW at less than 20' bls
HSA = Hollow-stem auger drill rig			
bls = below land surface			
GW = groundwater			

RECON® Soil-Gas and Groundwater Investigation

El Paso Natural Gas Company Sites
San Juan Basin
Farmington, New Mexico

Location Name	U.S.T-R	Meter No.	Sample I.D.	Sample Matrix	No. of		No. of		Depth	Comments
					Probe Holes	Samples	Probe Holes	Samples		
Rincon No. 48	N30-27-6	71025	RINCON48	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Rincon No. 10	C36-27-7	70645	RINCON10	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Rincon No. 70	A27-27-7	71580	RINCON70	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Chacon Amigos No. 2	I2-22-3	93370	CA2	Soil-gas	4	16	4	16	3-12	Benzene above action levels
Jaquez A No. 1A	D5-29-9	89619	JAC1A	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Florance No. 107 PC	E8-30-9	87017	FLORANCE107	Soil-gas	6	24	6	24	3-12	BTEX below action levels
Walker Com No. 1	P25-30-9	75879	WALKERCOM1	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Heath F1	E8-29-9	72505	HEATHF1	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Day No. 3	A17-29-8	90847	DAY3	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Sullivan No. 1	M22-32-10	70760	SULLIVAN1	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Marcotte 1A	I5-31-10	89903	MARCOTTE1A	Soil-gas	15	18	15	18	4-6	BTEX below action levels
Trujillo No. 1 PC	M21-29-10	72089	TRUJILLO1PC	Groundwater	6	32	6	32	3-30	BTEX above action levels
Federal 6 No. 32	G6-26-7	94768	FEDERAL6No32	Soil-gas and Groundwater	6	15	6	15	3-21	BTEX above action levels
Canyon Largo 304	C11-24-6	93788	C-LARGO304	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Canyon Largo 298	A3-24-6	93590	C-LARGO298	Soil-gas	8	17	8	17	3-24	BTEX below action levels
Canyon Largo 302	J3-24-6	93783	C-LARGO302	Soil-gas and Groundwater	3	3	3	3	18-27	BTEX below action levels
K-17 Line Drip	C26-27-8	N/A	K17LINEDRIP	Groundwater	3	3	3	3	21-27	BTEX below action levels
Howell No. 3 Line Drip	C3-27-8	N/A	HOWELL#3LD	Groundwater	3	12	3	12	3-12	BTEX below action levels
Lateral 2C-1 Line Drip	P36-27-11	N/A	LATERAL2C-1	Soil-gas	4	4	4	4	24-27	BTEX below action levels
Cutler 2	A14-24-6	93793	CUTLER2	Groundwater	3	3	3	3	18-24	BTEX below action levels
Lateral 2C-22 No. 3 Line Drip	G13-24-6	N/A	L2C-22No3LD	Groundwater	5	5	5	5	12-15	Benzene above action levels
Nickels No. 1 DK	K11-31-13	73034	NICKELS#1DK	Groundwater	3	3	3	3	9	BTEX below action levels
McGrath No. 1	F7-31-11	70862	MACGRATH#1	Soil-gas	3	3	3	3	24-30	BTEX below action levels
Flora Vista #1	F22-30-12	75718	FLORAVISTA1	Groundwater	3	3	3	3	8-20	BTEX below action levels
Marshall B-1J	O14-27-9	89039	MB1J	Soil-gas	3	3	3	3	24-30	BTEX below action levels
Argo No. 1E	N18-27-10	93780	ARGO#1E	Groundwater	3	3	3	3	15-24	BTEX below action levels
Trunk D Line Drip	E20-28-8	N/A	TDLD	Groundwater	14	14	14	14	21-24	Benzene above action levels and offsite
K-31 Line Drip	N16-25-6	N/A	K31LINEDRIP	Groundwater						

RECON® Soil-Gas and Groundwater Investigation

El Paso Natural Gas Company Sites
San Juan Basin
Farmington, New Mexico

Location Name	U-S-T-R	Meter No.	Sample I.D.	Sample Matrix	No. of		No. of		Depth	Comments
					Probe Holes	Samples	Probe Holes	Samples		
Miles Federal No. 1E	N5-26-7	94495	MILES#1E	Groundwater	3	3	3	3	24-30	BTEX below action levels
Elliot Gas Com No. M1	I33-30-9	73147	EGC#M1	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Elliot Gas Com No. S1	M33-30-9	75265	EGC#S1	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Lindrith B24	N9-24-3	94967	LINDRITHB24	Groundwater	3	3	3	3	21-27	Benzene above action levels and offsite
Lindrith B23	D9-24-3	74691	LINDRITHB23	Groundwater	3	3	3	3	21-27	BTEX below action levels
Canepole Gas Com No. 1	M18-31-10	70714	CGC#1	Soil-gas	3	12	3	12	3-12	BTEX below action levels
Ohio C Gvt #3	P26-28-11	72890	OCG3	Soil-gas and Groundwater	3	3	3	3	9-17	Benzene above action levels and offsite
C3 Loop Line Drip	D28-29-9	N/A	C3LLD	Soil-gas	3	12	3	12	3-12	BTEX below action levels
San Juan Unit 28-6 #79 PM	M11-27-6	722654	SJU28679PM	Groundwater	7	7	7	7	30-36	BTEX above action levels
Hammond 41A	O25-27-8	89894	H41A	Groundwater	9	9	9	9	15-23	BTEX above action levels
U-S-T-R = Unit-Section-Township-Range										
BTEX = benzene, toluene, ethyl benzene, and xylenes										

PHILIP

Sample Analysis Worksheet

Sample ID.	Probe Hole Number	Depth (Feet)	Analysis Time	Analysis Date	Injection Vol. (µL)	Multiplier	VAC in. Hg	Comments
DAY3-11	PH-03	9	1642	11/6/95	500	0.2	8	Soil-gas
DAY3-12	PH-03	12	1654	11/6/95	500	0.2	8	Soil-gas
DAY3-12-D	PH-03	12	1703	11/6/95	500	0.2	8	QC - Duplicate
Blank-25	N/A	N/A	1748	11/6/95	500	0.2	N/A	QC - System Blank
QCRT-09	N/A	N/A	1827	11/6/95	100	1	N/A	QC - Retention Times
Blank-26	N/A	N/A	0626	11/7/95	500	0.2	N/A	QC - System Blank
STD-1107	N/A	N/A	0811	11/7/95	100	1	N/A	Calibration Standard
Blank-27	N/A	N/A	0833	11/7/95	500	0.2	N/A	QC - System Blank
Blank-28	N/A	N/A	0855	11/7/95	500	0.2	N/A	QC - Probe Rod Blank
SULLIVAN1-01	PH-01	3	0914	11/7/95	500	0.2	10	Soil-gas
SULLIVAN1-02	PH-01	6	0929	11/7/95	500	0.2	10	Soil-gas
SULLIVAN1-03	PH-01	9	0938	11/7/95	500	0.2	10	Soil-gas
SULLIVAN1-04	PH-01	12	0954	11/7/95	500	0.2	9	Soil-gas
SULLIVAN1-05	PH-02	3	1005	11/7/95	500	0.2	10	Soil-gas
SULLIVAN1-06	PH-02	6	1015	11/7/95	500	0.2	10	Soil-gas
SULLIVAN1-07	PH-02	9	1025	11/7/95	500	0.2	9	Soil-gas
SULLIVAN1-08	PH-02	12	1034	11/7/95	500	0.2	9	Soil-gas
SULLIVAN1-09	PH-03	3	1055	11/7/95	500	0.2	10	Soil-gas
SULLIVAN1-10	PH-03	6	1105	11/7/95	500	0.2	9	Soil-gas
SULLIVAN1-11	PH-03	9	1117	11/7/95	500	0.2	10	Soil-gas
SULLIVAN1-12	PH-03	12	1151	11/7/95	500	0.2	9	Soil-gas
MARCOTTE1A-01	PH-01	3	1208	11/7/95	500	0.2	10	Soil-gas
MARCOTTE1A-02	PH-01	6	1221	11/7/95	500	0.2	10	Soil-gas
MARCOTTE1A-03	PH-01	9	1231	11/7/95	500	0.2	10	Soil-gas
MARCOTTE1A-04	PH-01	12	1241	11/7/95	500	0.2	8	Soil-gas
MARCOTTE1A-05	PH-02	3	1253	11/7/95	500	0.2	10	Soil-gas
MARCOTTE1A-06	PH-02	6	1303	11/7/95	500	0.2	9	Soil-gas
MARCOTTE1A-07	PH-02	9	1312	11/7/95	500	0.2	8	Soil-gas

NA - not applicable
 QC - quality control
 D - duplicate analysis

PHILIP

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
DAY3-11	PH-03	9	25	15	13	11	22	Soil-gas
DAY3-12	PH-03	12	44	33	17	19	30	Soil-gas
DAY3-12-D	PH-03	12	47	39	23	25	41	QC - Duplicate
Blank-25	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
QCRT-09	N/A	N/A	226	202	179	174	168	QC - Retention Times
Blank-26	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
STD-1107	N/A	N/A	232	232	232	232	232	Calibration Standard
Blank-27	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
Blank-28	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Probe Rod Blank
SULLIVANI-01	PH-01	3	ND(1)	ND(1)	2	10	2	Soil-gas
SULLIVANI-02	PH-01	6	ND(1)	ND(1)	1	4	<1	Soil-gas
SULLIVANI-03	PH-01	9	ND(1)	ND(1)	5	8	1	Soil-gas
SULLIVANI-04	PH-01	12	ND(1)	ND(1)	ND(1)	1	ND(1)	Soil-gas
SULLIVANI-05	PH-02	3	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
SULLIVANI-06	PH-02	6	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
SULLIVANI-07	PH-02	9	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
SULLIVANI-08	PH-02	12	ND(1)	ND(1)	ND(1)	3	ND(1)	Soil-gas
SULLIVANI-09	PH-03	3	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
SULLIVANI-10	PH-03	6	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
SULLIVANI-11	PH-03	9	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
SULLIVANI-12	PH-03	12	ND(1)	ND(1)	5	37	14	Soil-gas
MARCOTTEIA-01	PH-01	3	ND(1)	ND(1)	2	6	1	Soil-gas
MARCOTTEIA-02	PH-01	6	ND(1)	ND(1)	<1	4	<1	Soil-gas
MARCOTTEIA-03	PH-01	9	ND(1)	ND(1)	<1	2	ND(1)	Soil-gas
MARCOTTEIA-04	PH-01	12	ND(1)	ND(1)	<1	3	<1	Soil-gas
MARCOTTEIA-05	PH-02	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
MARCOTTEIA-06	PH-02	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
MARCOTTEIA-07	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 soil vapor analyzed.

ND = not detected at the lower quantifiable limit indicated in parenthesis.

NA = not applicable.

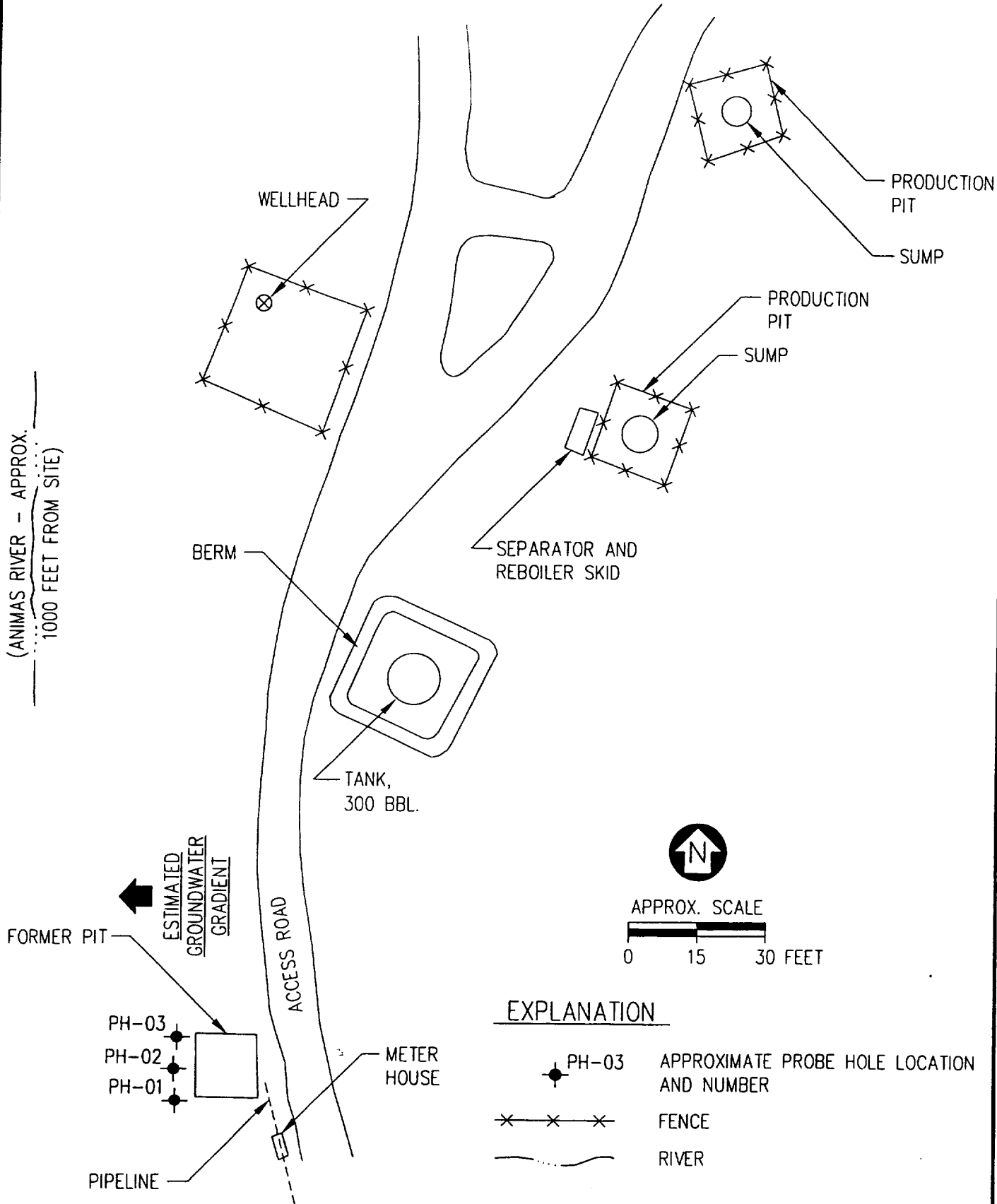
QA Review:

Paul Anderson/BA

Review Date:

1-31-96 AK 2/13/96

(ANIMAS RIVER - APPROX.
1000 FEET FROM SITE)



EXPLANATION

- PH-03 APPROXIMATE PROBE HOLE LOCATION AND NUMBER
- X — X — X — FENCE
- RIVER

T32 R10 SEC 22 UNIT M



TITLE:
SULLIVAN GAS COM. WELL NO. 1
METER 70760
"SOIL GAS ONLY"

OWN:
M.R.W.

CHKD:
K.B.G.

DATE:
11/16/95

DES.:

APPD.:

REV.:
1

PROJECT NO.: 13947
EPNG-RECON PITS

FIGURE 10