

Vandewart "A" #1 Meter/Line ID - 70219

SITE DETAILS

Legals - Twn: 29N

Rng: 8W

Sec: 11 U

Unit: A

NMOCD Hazard Ranking: 20

Land Type: BLM

Operator: Amoco

Pit Closure Date: 06/01/94

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 test pit was excavated to 12 feet below ground surface and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit. 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 291 ppm; laboratory analysis indicated a TPH concentration of 120 mg/kg.

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 test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Groundwater was not encountered in the test excavation. In addition, the estimated depth to groundwater is greater than 100 feet; therefore, impact to groundwater is unlikely.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.

ATTACHMENT

Field Pit Assessment Form Field Pit Remediation/Closure Form



Laboratory Analytical Results

FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: 70219 Location: VANDE WART "A"# Operator #: 0203 Operator Name: Amoco P/L District: BloomFIELD Coordinates: Letter: A Section // Township: 29N Range: 8W Or Latitude Longitude Pit Type: Dehydrator X Location Drip: Line Drip: Other: Site Assessment Date: 5-10-94 Area: 10 Run: 72					
	NMOCD Zone: Land Type: BLM ☒ (1) (From NMOCD Maps) Inside ☐ (1) Fee ☐ (3) Outside ☒ (2) Indian ☐ (3)					
	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)					
ASSESSMENT	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)					
SITE ASS	Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points)					
	(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: 20 POINTS					
KS	Remarks: Four Pits on LOCATION, WILL CLOSE ONLY DNS. PIT IS DRY					
REMARKS	LOCATION IS ON MANZANARES MESA REDLINE AND TOPO CONFIRMED LOCATION					
REN	TB BE OUTSIDE THE VIZ.					

(SP3190) 04/08/94

		ORIGINAL PIT LOCATION	
	Original Pit : a)	Degrees from North 116° Footage from	m Wellhead 54
		Length: 36 Width: 29 Dept	
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LOCATION		11 A	72:
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PIT		116	
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NI.		54'	
ORIGINAL		36	
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		24'	
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	W. J.	van 2000 5.10.96	<i>t</i>
	Sic	gnature Date	h
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GENER,	Meter: 70214 Location: Vandewayt A#1 Coordinates: Letter: A= Section 11 Township: 29N Range: &\overline{W} Or Latitude Longitude Date Started: 6-1-94 Area: 10 Run: 72
FIELD OBSERVATIONS	Sample Number(s): 12 Feet Sample Depth: 12 Feet Final PID Reading 29 PID Reading Depth 12 Feet Yes No Groundwater Encountered (1) (2) Approximate Depth Feet
CLOSURE	Remediation Method: Excavation
REMARKS	Remarks: Live Markery. Signature of Specialist: Walk Military.

DE. COSO Natural Gas Company

CHAIN OF CUSTODY RECORD

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PROJE	PROJECT NUMBER	PROJECT NAME	JAME			8		REQUESTED ANALYSIS	JALYSIS	CONT. ACT LABORATORY P. O. NUMBER
		Pit C	osure	Pit Closure Project # 24324				- }-		
SAMPL	SAMPLERS (Signature)	,		DATE: 6 -1 -96.1		NUN JA NATNO NAMAS	39YF TYPE H		<i>⊅</i> ≠	
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<u>/</u>										1 1 mm 1 mm
REOL C) RC	15	NAROUND TIME:		SAIM	SAMPLE RECEIPT REMARKS	REMARKS			RESULTS &	FESULTS # INVOICES TO SERVICES LABORATORY FILE PASO NATURAL GAS COMPANY
CAR	CARRIER CO.									P. O. BOX 4990 EADMINGTON NEW MEXICO 87499
BILL NO.:	4O.:			CHA	CHARGE CODE				505-599-2144	
_). FO VESSA (Box 03.

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

Ft.4-08-0565A (Rev. 03-9



FIELD SERVICES LABORATORY ANALYTICAL REPORT PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

·	Field ID	Lab ID
SAMPLE NUMBER:	vw 142	945319
MTR CODE SITE NAME:	70219	N/A
SAMPLE DATE TIME (Hrs):	10-1-9-	1145
SAMPLED BY:		N/A
DATE OF TPH EXT. ANAL.:	(0/10/94	1/10/94
DATE OF BTEX EXT. ANAL.:	NIA	~14
TYPE DESCRIPTION:	V G-	Gray sand + Clay

REMARKS: X TERUN TPH

RESULTS

PARAMETER	RESULT	UNITS		QUALIF	IERS	
			DF	Q	M(g)	V(ml)
BENZENE		MG/KG				
TOLUENE		MG/KG				
ETHYL BENZENE		MG/KG				
TOTAL XYLENES		MG/KG				
TOTAL BTEX		MG/KG				
TPH (418.1)	120	MG/KG			2.15	28
HEADSPACE PID	291	PPM				
PERCENT SOLIDS	89.4	%				

	- TPH is by EPA Method	418.1 and BTEX is by EPA Me	thod 8020	
Surrogate Recovery was at rative:	AIG	_% for this sample	All QA/QC was acceptable.	
DF = Dilution Factor Used Approved By:	Pana-		Date: 6/16/94	



FIELD SERVICES LABORATORY ANALYTICAL REPORT PIT CLOSURE PROJECT - Soil

	SAMPLE	IDENTIFICA	NOITA			
	Field	iD		Lab ID		
SAMPLE NUMBER:	۷ س یالو	2	94	5319		
MTR CODE SITE NAME:	7021	9		N/A		
SAMPLE DATE TIME (Hrs):	6-1-94		11	45		
SAMPLED BY:			N/A			
DATE OF TPH EXT. ANAL.:	<u>6-3-</u>	74	63			
DATE OF BTEX EXT. ANAL.:	NIA		NIA			
TYPE DESCRIPTION:	γ 6-	· · · · · · · · · · · · · · · · · · ·	GRAY JA	NA Y CC	144	
REMARKS:						
AEMARO.					· · · · · · · · · · · · · · · · · · ·	
	F	RESULTS				
PARAMETER	RESULT	UNITS		QUALIF	IERS	
			DF	Q	M(g)	V(mi)
BENZENE		MG/KG				
TOLUENE		MG/KG				
ETHYL BENZENE		MG/KG				
TOTAL XYLENES		MG/KG				
TOTAL BTEX		MG/KG				<u> </u>
TPH (418.1)	170	MG/KG			202	28
HEADSPACE PID	291	PPM				·
PERCENT SOLIDS	P9.6	%				
•	- TPH is by EPA Method 41					
he Surrogate Recovery was at	1	% for this samp	,	was accep	table.	
TPH ac	outside	limits	-need	rerur	<u> </u>	
F = Dilution Factor Used						
			Date:			
Approved By:						