EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE



Hammond 93 Meter/Line ID - 90872

SITE DETAILS

Legals - Twn: 27N

Rng: 8W

Sec: 26

Unit: I

NMOCD Hazard Ranking: 10 Operator: R&G Drilling

Land Type: BLM

Pit Closure Date: 09/26/94

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 four feet and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. 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 214 ppm; laboratory analysis indicated a TPH concentration of 388 mg/kg. This site was re-assessed on April 14, 1998, because the initial assessment incorrectly included washes as a surface water body.

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.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade naturally, with minimal risk to the environment.
- Based on the Hazard Ranking Score, TPH concentrations were below required remediation
- Bedrock was encountered at four feet below ground surface; therefore, impact to groundwater is unlikely.

ATTACHMENT

Field Pit Assessment Form
Field Pit Remediation/Closure Form

Laboratory Analytical Results

FARM:JOBS:Pre 628 Job Numbers:21000\90872.doc

REVISED FIELD PIT SITE ASSESSMENT FORM

	9007)	47	
AL	Meter: 90872 Location: Hammond Operator #: Operator Name:		District
GENERAL	Coordinates: Letter: Section 26		
EN			
g	Or Latitude Longit Pit Type: Dehydrator Location Drip		
	Site Assessment Date: 4/14/9 K	Area: R	un:
	Site Assessment Bates		,
	NMOCD Zone:	Land Type:	$BLM \qquad \boxed{2} $ (1)
	(From NMOCD		State \square (2)
	Maps) Inside	(1)	Fee \square (3)
	Outside	(2)	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		
SITE ASSESSME	Is it less than 1000 ft from wells, springs or extraction?, or; Is it less than 200 ft from a p	other sources of frorivate domestic w	esh water ater source?
SES	(1) YES	(20 points)	\times (2) NO (0 points)
4SS	Horizontal Distance to Surface Water Bo	dy	
百	Less Than 200 Ft (20 points)	(1)	
SIT	2001110110111	(2)	
	Greater Than 1000 Ft (0 points)	∑ (3)	
	Name of Surface Water Body		
	(Surface Water Body: Perennial Rivers, Streat Ditches, Lakes, Ponds)	ıms, Creeks, Irrigat	tion Canals,
	Distance to Nearest Ephemeral Stream		00' (Navajo Pits Only)
			00'
	TOTAL HAZARD RANKING SCORE:	10	POINTS
KS	Remarks: Site has been re-assessed, du	e to initial assessn	nent including washes
72	as a Surface Water Body. $5/4$?		
2	center of Largo Canyon.		
REN			······································

(assess) 12/16/97

FIELD PIT SITE ASSESSMENT FORM

		<u></u>
	GENERAL	Meter: 90872 Location: Hammen 93 Operator #: 7335 Operator Name. P/L District: Baller Coordinates: Letter: Section 26 Township: 27 Range: 8 Or Latitude Longitude Pit Type: Dehydrator Location Drip: Line Drip: Other: Site Assessment Date: 6/13/94 Area: 07 Run: 32
	MENT	NMOCD Zone: (From NMOCD Maps) Inside Outside Outside Depth to Groundwater Less Than 50 Feet (20 points) Fee (20) 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?
1	SITE ASSESS	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 (3) (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'
REMARKS		Remarks: Redline Book-Inside Vunterable Zone Topo - Outside
RE		PUSHIZIN

ORIGINAL PIT LOCATION	ORIGINAL PIT LOCATION Original Pit : a) Degrees from North \(\text{250} \) Footage from Wellhead \(\frac{76'}{} \) b) Length : \(\text{25'} \) Width : \(\text{25'} \) Depth : \(\text{4'} \) Wellhead \(\text{25'} \)
REMARKS	Pictures@ 1054 (IL-19) DumpTruck
	Completed By: Completed By: Completed By:

the second of th

7	ORIGINAL PIT LO Original Pit : a) Degrees from North 23 b) Length : 25' Width	10° Footage from Wellhead 76'
ORIGINAL PIT LOCATION	Wellhead 25' 25' 25') \$\infty 500
	Remarks: Pictures@ 10.54 (16-19) Domp Truck	
MARKS		
RE		
,		
	Completed By:	
	Cong Change	6/13/94
	Signature	Date

1.44 11.14

The period

The second secon

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: 90872 Location: Hammond 9-3 Coordinates: Letter: I Section 26 Township: 27 Range: 8 Or Latitude Longitude Date Started: 9-26-94 Run: 97 3 2
FIELD OBSERVATIONS	Sample Number(s): \(\frac{\sqrt{33}(}{\sqrt{36-94}} \) Sample Depth: \(\frac{\sqrt{33}(}{\sqrt{36-94}} \) Final PID Reading \(\frac{\sqrt{36-94}}{\sqrt{9-26-94}} \) Yes No Groundwater Encountered \(\sqrt{\sqrt{36-94}} \) Approximate Depth \(\frac{\sqrt{36-94}}{\sqrt{9-26-94}} \) Feet
LOSURE	Remediation Method : Excavation
CLOS	Soil Disposition: Envirotech
REMARKS	Remarks: 4/5 and stone 20 yes 1-1)
	Signature of Specialist: Vale Wilson



FIELD SERVICES LABORATORY ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

	SAMPLE	IDENTIFICA	TION			
	Field	i ID		Lab ID		
SAMPLE NUMBER:	vw 3	3)	941.2	16		
MTR CODE SITE NAME:	958			N/A		
SAMPLE DATE TIME (Hrs):	9/26/9		<u> </u>	00		
SAMPLED BY:		N/	/A	1 1		
DATE OF TPH EXT. ANAL.:	9/27/4	34	9/27	94		
ATE OF BTEX EXT. ANAL.:	N/A	<u> </u>	NIA) d	
TYPE DESCRIPTION:	VG		Mary acc	use Se	*1~L3	
DELLA DICC.			•			
REMARKS:						
		RESULTS				
					•	
PARAMETER	RESULT	UNITS	DF	QUALIF	IERS M(g)	V(ml)
TPH (418.1)	388	MG/KG			2.12	28
HEADSPACE PID	214	PPM				
PERCENT SOLIDS	93.9	%				
PERCENT BODIES		TPH is by EPA Metho	d 418.1			
rative:						
= Dilution Factor Used						

El Paso Natural Sas Company

CHAIN OF CUSTODY RECORD

Page

								CONTRACT LABORATORY P. O. NUMBER	
100	PROJECT NUMBER	PROJECT NAME	70070	RI SF		REQUESTED ANALYSIS	YLYSIS		
_		Pit Closure Pro	oject # 24324		1.1	02			
3	SAMPLERS: (Stongture)	0'	9 7/ 41:	ATINC ATINC AMA AMA	811 H	208		#	
	16.60	- Wasan	61-07-1	ATOT 00 ¥0	Aq TB	Aq		REMARKS	ARKS
3	LABID DATE	TIME MATRIX	SAMPLE NUMBER	-					
	6.76.	7.08	11.1330	1 106	X	-	7	9,7	
3	1215121		1672	9/1 /	X		7	292	
200	114 9.269	214 9.2694 1000 5021	16/32	1	\vdash			358	
<u>ئ</u> ام	217 8-26-9 1100	1,00 50.1	VW332	5	+				
<u> </u>		7.03	16.333	1 1/6	X	+	+	299	
<u>=</u>	18 1-20	+-			<u>></u>		(1.8	300	
7	6926	19 126 94 1250 50.1	W 334		1		<u></u>		
7	72.900	1.35 3151 1315 15.1	V-333	7	X v		-	70	
<u>s</u>	2		72217	0/1	X	-			
<u>عا</u>	77 72	622 7.76.94 1315 SOU	250	-	>				
ď	122 9.26	122 05844 1320 Soil	14337	7/	1			100	
	3	7. 69	VW 338	1	75 X	_		720	
ट	12237-11-71-712	\top		-	×			श्रव	
1	12 Jun 10	1. 22 24 41 14 45 Sail	VW 339	3	\$.			100	
(700	12003 1016	Vw340	7	K K	+	\[\]	Sas	
77	र पुरुष जिल्ला	77-17-6	1120.1.	7	\ \ \ '				RECEIVED BY: (Signatura)
8	12 24 12 4 1630	1.0c CE 91 20 1	DATECTIME 2.0 RECEIVED BY: (Sign	: (Signature)		RELINOUISHED BY: (Signature)	(Signature)	8 ! ! K	
				dast	issa	Been	de R	1227/94/030	RECEIVED OF LABORATORY BY: (Signature)
•		K. K. M. M. M. Signatule)	DATE/TIME RECEIVED BY: (Signature)	Y: (Signature)		RELINQUISHED BY: (Signature)	: (Signature)	1	<. \(\)
	·							4	1
	T Carron	AND THE	SAMPLE REC	SAMPLE RECEIPT REMARKS			RESI	RESULTS & INVOICES TO: FIELD SERVICES	SERVICES LABORATORY
	C) ROUTINE	O RUSH						EL PASO NATUR	NATURAL GAS COMPANT
	CAPRIER CO.							FARMINGTON, N	F. C. BOA 4339 FARMINGTON, NEW MEXICO 87499
			CHARGE CODE)OE			505	505-599-2144	FAX: 505-599-2261
**	MALL NO:								FM-08-0565A (Rev. 03

Traine I shoratory Canary . EPNG Lab Pink . Field Sampler