EL PASO FIELD SERVICES PIT CLOSURE REPORT

Legals - Twn: 27N

NMOCD Hazard Ranking: 10

Operator: Burlington Resources

TURNER B COM B #7 Meter/Line ID - 71286



Rng: 9W Sec: 16

Unit: K Land Type: State

Pit Closure Date: 9/9/94

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 and a soil sample was collected for 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 10 ppm; laboratory analysis indicated a TPH concentration of 15.9 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 over four years.
- The test pit was backfilled with clean soil and the former pit area graded to direct surface runoff away from the former pit.
- Source material has been removed from the ground surface, eliminating potential direct contact with livestock and the public.
- 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.
- There are no water supply wells or potential surface water receptors within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade by natural attenuation with minimal risk to the
 environment.

ATTACHMENT

Revised Field Pit Assessment Form Field Pit Remediation/Closure Form Chain of Custody

Field Pit Assessment Form Laboratory Analytical Results

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REVISEDFIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: 71286 Location: Turner Operator #: Operator Nan Coordinates: Letter: K Section Or Latitude L Pit Type: Dehydrator Location Site Assessment Date: 12/19/97	ne: P/I 16 Township: 27 Longitude 1 Drip: Line I	L District: Range: 9 Orip: Other:
	NMOCD Zone:	Land Type:	BLM (1)
	(From NMOCD		State X (2) Fee (3)
	Maps) Inside	(1)	Fee (3)
	Outside	(2)	Indian
	Depth to Groundwater		
	Less Than 50 Feet (20 points)	(1)	
	50 Ft to 99 Ft (10 points)	\sum (2)	
	Greater Than 100 Ft (0 points)	(3)	
· -	Wellhead Protection Area		
SITE ASSESSMENT	Is it less than 1000 ft from wells, sprin extraction?, or; Is it less than 200 ft from		
ES	- ₍₁₎	YES (20 points)	\times (2) NO (0 points)
SS	Horizontal Distance to Surface Wate	` • ′	
E A	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		
	(Surface Water Body: Perennial Rivers Ditches, Lakes, Ponds)	, Streams, Creeks, Irrig	gation Canals,
	Distance to Nearest Ephemeral Stream	(1)	< 100' (Navajo Pits Only)
	_	(2) >	> 100'
	TOTAL HAZARD RANKING SCORE	: 10	POINTS
S		···	
REMARKS		A	sment including washes
1.A	as a Surface Water Body. 2 sites		
EN	closest to GWVZ (20' difference).	Depth to bW m	reasured trom center.
_ <u>~</u>	of Jaguez Canyon		(assess) 12/16/97

FIELD PIT SITE ASSESSMENT FORM

3	
GENERAL	Meter: 71286 Location: Turner & Com B No. 7 Operator #: 2999 Operator Name: Meridian P/L District: Ballard Coordinates: Letter: Section 16 Township: Z7 Range: 9W Or Latitude 6-11-94 Longitude Pit Type: Dehydrator Location Drip: X Line Drip: Other: Site Assessment Date: 6-11-94 Area: 11 Run: 31
	NMOCD Zone: (From NMOCD Maps) Inside Outside Depth to Groundwater Land Type: Compared Co
	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) (1) 200 Ft to 1000 Ft (10 points) (2) Greater Than 1000 Ft (0 points) (3)
	Name of Surface Water Body <u>Jaquez Canyon</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)
	TOTAL HAZARD RANKING SCORE: 40 POINTS
REMARKS	Remarks: One pot Pit is Nay
ЕМА	Inside V.Z. on RedIme, outside on Topo
. F	Past

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: 71286 Location: Turner 13 com 13 # > Coordinates: Letter: K Section 16 Township: ZZRange: 9 Or Latitude Longitude — Date Started: 9-9-94 Run: 11 31
FIELD OBSERVATIONS	Sample Number(s): VWZ61 Sample Depth: JZ Feet Final PID Reading Depth JZ Feet Yes No Groundwater Encountered
LOSURE	Remediation Method : Excavation
CLOS	Soil Disposition: Envirotech Other Facility Name: Pit Closure Date: 9-9-94 Pit Closed By: 35-7
REMARKS	Remarks:
	Signature of Specialist: Well Wulson (SP3191) 03/16/94

CHAIN OF CUSTODY RECORD

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BRILNO:				CHAR	CHARGE CODE						505-599-2144	P. O. BOX 4990 FARMINGTON, NEW MEXICO 87499

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



FIELD SERVICES LABORATORY ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 261	944091
MTR CODE SITE NAME:	71286	N/A
SAMPLE DATE TIME (Hrs):	9-9-94	100
SAMPLED BY:		N/A
DATE OF TPH EXT. ANAL.:	9-13-94	9-13-9-
DATE OF BTEX EXT. ANAL.:	NIA	NIR
TYPE DESCRIPTION:	٧G	Brown true 52md
TABLE DESCRIPTION (4 (-)	

REMARKS:		
	RESULTS	

PARAMETER	RESULT	UNITS		QUALIFI	ERS	
PARAMETER COMME		ye exhib	DF	Q	M(g)	V(ml)
TPH (418.1)	16.6 15.9	And 9/16/44 MG/KG			2.05	28
HEADSPACE PID	10	PPM				
PERCENT SOLIDS	94.3	%	. :			

-- TPH is by EPA Method 418.1 --

Narrative:	
DF = Dilution Factor Used	
Approved By:	Date: 9/30/44

******************* Test Method for Oil and Grease and Petroleum Hydrocarbons ** Ł in Water and Soil $\frac{1}{2}$ * * Perkin-Elmer Model 1600 FT-IR 94/09/13 14:56 凇 * Sample identification 946091 菜 Initial mass of sample, g ŧ 2.050 $\frac{1}{2}$ Volume of sample after extraction, ml * 28.000 ¥ * Fetroleum hydrocarbons, ppm 15.930 Net absorbance of hydrocarbons (2930 cm-1) 0.012 粜 丰 14:56 Y: Petroleum hydrocarbons spectrum 100.16 XT 97,30

3000

3200

2800

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CHAIN OF CUSTODY RECORD

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