EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Outside

Lambe #5 Meter/Line ID - 89368

SITE DETAILS

Legals - Twn: 31N

NMOCD Hazard Ranking: 0 **Operator: Koch Exploration**

Rng: 10

Sec: 20

Land Type: BLM

Pit Closure Date: 9/29/94

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.

Sandstone was encountered in the test excavation at a depth of seven feet. The excavation was terminated 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 then backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 316 ppm; laboratory analysis indicated a TPH concentration of 17,200 mg/kg.

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

- The primary source, discharge to the pit, has been removed for over four years.
- Bedrock was encountered at seven feet below ground surface making remediation impracticable.
- 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.
- The site is greater than 1,000 feet from potential surface water receptors and water supply
- 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 Field Pit Assessment Form Laboratory Analytical Results

REVISEDFIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: 89368 Location:
	NMOCD Zone: (From NMOCD Maps) Inside Outside Land Type: BLM State (2) Fee (3) Indian
	Depth to Groundwater Less Than 50 Feet (20 points) 50 Ft to 99 Ft (10 points) Greater Than 100 Ft (0 points) (1) (2) (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?
SITE ASSES	☐ (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
	(Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds) Distance to Nearest Ephemeral Stream (1) < 100' (Navajo Pits Only) (2) > 100'
REMARKS	Remarks: Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. No well show on map in Lite 6. Site is still > 100' vertical to nearest Wash

(assess) 12/16/97

FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: 89-368 Location: Lambe #5 Operator #: 5540 Operator Name: Exploration P/L District: Mztc Coordinates: Letter: Section ZO Township: 31 Range: 10 Or Latitude Longitude Pit Type: Dehydrator Location Drip: X Line Drip: Other: Site Assessment Date: 9/29/94 Area: 04 Run: 52
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps) Inside Outside (2) Depth to Groundwater Less Than 50 Feet (20 points) Feet Coreater Than 100 Ft (0 points) 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? Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points) Coreater Than 1000 Ft (0 points) (1) YES (20 points) (2) NO (0 points) Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points) (3) Name of Surface Water Body Greater Than 1000 Ft (10 points) (3) Name of Surface Water Body Animas River (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:
REMARKS	Remarks: Realine Book-Outside Vulaceable Zone Tope-Outside Two pits, location drip pit has paraffin in it, Will close one pit. PUSH IN



	ORIGINAL PIT LOCATION
フ	Original Pit : a) Degrees from North <u>140°</u> Footage from Wellhead <u>57'</u> b) Length : <u>26'</u> Width : <u>26'</u> Depth : <u>2</u> /
ORIGINAL PIT LOCATION	Wellhezho 140°
REMARKS	Remarks: Pictures @ 0911 (1-4, Roll) End Dump
	Completed By:
	Signature Date

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FIELD PIT REMEDIATION/CLOSURE FORM

Sample Number(s):	_
Excavation Onsite Bioremediation Backfill Pit Without Excavation Soil Disposition: Envirotech Envirotech Approx. Cubic Yards Disposition Tierra	
Other Facility Name:	
Remarks: No Line markers Pit Has ALOT OF OIL WATER. Hit SAND STONE At 7' closed Pit Signature of Specialist: Kelly Parlille	ځ

CHAIN OF CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME	AME			S			REQUE	REQUESTED ANALYSIS	S	CONTRACT LABORATORY P. O. NUMBER
# 24324	Pit Cic	Sure	Pit Closure Project		H38					ŀ	
SAMPLERS: (Signature)	KILL	fad	M	DATE:	MUN JA MIATMO:	SAMPLE TYPE Ho	418.1 X3.1	8050 EX	Old :	# ENCE	
LABID	DATE	TIME	MATRIX	FIELD ID	TOT 0 40				HAJ	SEGU	REMARKS
7 2 2 1 B	9.29.94 0844	5480	Soil	KP 263	-	19/	X	7		239	Hit sand stone At 6' soil darkgray
41 x 24	9-29-94 0945	2460	Soil	KP 264		1/6	<u></u>	~		240	
9-163 75	829.94 0945	2460	Soil	K7265		Δ	7	_			
שר תאאף	929-94 0850	050	Soil	KP 266		8	7				
در حماله	9.29.99 1043	1043	501/	18 267		5/	7			126	Soil Black with A Smell.
94C 278	9.2994 1135	1135	1.05	KP 268	_	٧٥/	<u>\</u>			25%	Hit SAND Stone At 6' Soil gray Looking
9462 79	9.2994	1.02005/1982.	1051	H 269	_	VG /	<u>\</u>			295	243 Soil DATK Black with A Smell
94 DE	4.29.94	1520	9.29-94 1520 Soil	KP 270	-	VG-	<u></u>			245	244 Hit Sand Stone At 7' Soil Still deckgray
वमेष्ट का	9.29%	1600	9.29.81600 50:1	KP271	_	72/	7	7		24/5	Hit SANd Stone At 8' Soil Light Brown
वनाव कर	9.29.99	9.29.99 1630	1.08	KP 272		1/5	7			246	Soil Gray Looking with A Smell
							-		-72		
					_	\perp	+	-			
RELINQUISHED BY: (Signature)	Signature)		DAT	DATE/TIME 34 RECEIVED BY: (Signalyre)	Signature)	k _	σ	RELINGUISHED BY	HED BY: (Signature)	9	DATE/TIME 7 8 - RECEIVED BY: (Signature)
1/1/2	Palith	9.5	4.29.94		da	Xile	1/2	Kle	ulax	rica	0.20
RELINQUISHEO'BY: (Signature)	Signature)		DAT	E/TIME RECEIVED BY: (Signature)	Signature)		ш	PELINOUIS	RELINQUISHED BY: (Signalura)	(0)	/ DATETIME RECEIVED OF LABORATORY BY: (Signature)
REQUESTED TURNAROUND TIME:	NAROUND TIME			SAMPLE RECEIPT REMARKS	T REMARKS		y you	Caget	S (GIK	RESULTS & INVOICES TO:	VOICES TO: FIELD SERVICES LABORATORY
1.				Tape) Assend	ر مع	1.4 - 54	angue.	1 445 H	lid. Sample was individual		EL PASO NATURAL GAS COMPANY P.O. BOX 4990
BILL NO.:				CHANGE CODE ALLED LABOR	Acce.	ep takat		The way	3 3	505-599-2144	
							1		,	7.000-000	7 %

9/30/94 No Bilt Duedad

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

FM:08:0565 A (Rev. 05-94)



FIELD SERVICES LABORATORY ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

	SAMPLE	IDENTIFICA	TION			
	Field	LID		Lab ID		
SAMPLE NUMBER:	KP 270		9468			
MTR CODE SITE NAME:	89368	· · · · · · · · · · · · · · · · · · ·		N/A		
SAMPLE DATE TIME (Hrs):	9-24-91	1	15	320		
SAMPLED BY:		N	/A			
DATE OF TPH EXT. ANAL.:	10-3-	94				
DATE OF BTEX EXT. ANAL.:	NIA		N			1
TYPE DESCRIPTION:	V G	. ::::	Branon	sand of	Clan	ı
REMARKS: _						
		RESULTS				
PARAMETER	RESULT	UNITS		QUALIF		
			DF	<u>Q</u>	M(g)	V(mi)
TPH (418.1)	17200	MG/KG			0.53	28
HEADSPACE PID	316	PPM				
PERCENT SOLIDS	89.3	%				
		TPH is by EPA Metho	od 418.1			
Narrative:						
DF = Dilution Factor Used						
Approved By:			Date:	10/0/44	,	