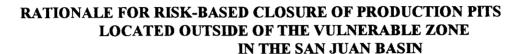
Cuty Ca & Cas inspector

DEC 2 9 1997

Meter Number: 75698
Location Name: FEDERAL #16 DK, MV DK-PIT2

Location:TN-27 RG-08 SC-09 UL-M 2 - Federal NMOCD Zone:OUTSIDE

Hazard Ranking Score:00



This production pit location was ranked according to the criteria in the New Mexico Oil Conservation Division's Unlined Surface Impoundment Closure Guidelines and received a ranking score of zero. The estimated depth to groundwater is greater than 100-feet beneath ground surface (bgs), the pit is not in a well head protection area, and there are no surface water bodies within 1,000 horizontal feet of the pit location.

The primary source, discharge to the pit has been removed. There has been no discharge to the pits for at least 4 years and the pits have been closed for at least one year.

Each pit was backfilled with clean soil and graded in a manner to divert precipitation away from the excavated area. Minimal infiltration of rainfall is expected. Any rainfall that does infiltrate the ground surface must migrate through clean backfill before reaching the residual hydrocarbons.

There is no source material at the ground surface, so direct contact of hydrocarbons with livestock and the populous is not likely.

In general, outside of the vulnerable area and alluvial valleys, bedrock material is generally encountered within 20 feet of the ground surface. Bedrock material in the San Juan Basin consists of interbedded sandstones, shales and clays. According to Freeze and Cherry, 1979, the hydraulic conductivity of the bedrock material are as follows:

Sandstone 10^{-9} to 10^{-13} cm/sec Shale 10^{-12} to 10^{-16} cm/sec Clay 10^{-12} to 10^{-15} cm/sec

Based on this information, the residual hydrocarbons should not migrate to groundwater.

Natural process (bioremediation) are degrading the residual hydrocarbon to carbon dioxide and water and will continue until the source is gone, therefore minimizing any impact to the environment.

Based on the above information, it is highly unlikely that any source material will impact groundwater or ever find an exposure pathway to affect human health and therefore El Paso Field Services Company (EPFS) requests closure of this pit location.



FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: 15698 Location: FEDERAL # 16 DK,MV (DK-PIT 2) Operator #: 0286 Operator Name: CONOCO P/L District: BALLARO Coordinates: Letter: M Section 9 Township: 27 Range: 8 Or Latitude Longitude Pit Type: Dehydrator X Location Drip: Line Drip: Other: Site Assessment Date: 6.20.94 Area: 07 Run: 21						
SITE ASSESSMENT	NMOCD Zone: Cand Type: BLM (1)						
REMARKS	Remarks: THREE PITS ON LOCATION. WILL CLOSE TWO OF THEM, FITS ARE DRY, LOCATION IS ON TOP OF HOLLIS PASS ON BLANCO MESA. REDUNE AND TOPO CONFIRMED LOCATION IS OUTSIDE U.Z. PUSH IM-						

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: 75 698 Location: Felora 1 # 16 DFC, AMT 2794 Coordinates: Letter: M Section 9 Township: 22 Range: 8 Or Latitude Longitude Date Started: 9-27-94 Run: 07 21						
FIELD OBSERVATIONS	Sample Number(s): \(\frac{\sqrt{344}}{\sqrt{4}} \) Sample Depth: \(\frac{\sqrt{4}}{\sqrt{4}} \) Feet Final PID Reading \(\frac{241}{\sqrt{4}} \) Yes No Groundwater Encountered \(\frac{\sqrt{8}}{\sqrt{4}} \) Approximate Depth \(\frac{4}{\sqrt{6}} \) Feet						
CLOSURE	Remediation Method: Excavation						
	Envirotech						
REMARKS	Remarks: 4 Sandstone 104ds F.1)						
	Signature of Specialist: Lale Walsen (SP3191) 03/16/94						



FIELD SERVICES LABORATORY ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field	ID		Lab ID		
SAMPLE NUMBER:	vw 344		946	946232		
MTR CODE SITE NAME:				N/A		
SAMPLE DATE TIME (Hrs):	9-27-94		130	1300		
SAMPLED BY:						
DATE OF TPH EXT. ANAL.:	9.39-3	9- R				
DATE OF BTEX EXT. ANAL.:	NIA	7/10				
TYPE DESCRIPTION:	\(C	rey true	1 (1) 24			
			J 1		(
REMARK						
		RESULTS				
	-	NESUL 13				
		UNITS				
PARAMETER	RESULT		DF	QUALIF	FIERS V(ml)	V(ml)
	0B 3020					
TPH (418.1)	3020	MG/KG			1.81 28	
HEADSPACE PID	241	PPM				
PERCENT SOLIDS	88.9	%%]
		TPH is by EPA Metho	d 418.1			
Narrative:						
OF = Dilution Factor Used						
Approved By:		·	Date:	10/6/94	4	

*************** Test Method for Oil and Grease and Petroleum Hydrocarbons in Water and Soil Perkin-Elmer Model 1600 FT-IR Analysis Report ******************* 74/09/29 14:04 Sample identification 46232 Initial mass of sample, q .310 Volume of sample after extraction, ml CE.000 Petroleum hydrocarbons, ppm T024.186 Net absorbance of hydrocarbons (2930 cm-1) . 344

