DEC 2 9 1997

Meter Number:87954

Location Name: CANYON LARGO UNIT #213

Location: TN-24 RG-06 SC-08 UL-E

2 - Federal

NMOCD Zone:OUTSIDE

Hazard Ranking Score:00

RATIONALE FOR RISK-BASED CLOSURE OF PRODUCTION PITS LOCATED OUTSIDE OF THE VULNERABLE ZONE IN THE SAN JUAN BASIN

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:

10⁻⁹ to 10⁻¹³ cm/sec 10⁻¹² to 10⁻¹⁶ cm/sec 10⁻¹² to 10⁻¹⁵ cm/sec Sandstone Shale Clay

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: May Span Largo 213 Operator #: NA Operator Name: NA P/L District: Ballard Coordinates: Letter: E Section & Township: 24 Range: 6 Or Latitude Longitude Pit Type: Dehydrator Location Drip: X Line Drip: Other: Site Assessment Date: 7/12/94 Area: 07 Run: 62					
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps) Inside Outside (2) Depth to Groundwater Less Than 50 Feet (20 points) Feet Cess Than 100 Ft (0 points) 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? Horizontal Distance to Surface Water Body Less Than 1000 Ft (20 points) Copenter Than 1000 Ft (0 points) Copenter Than 1000 Ft (10 points) Copenter Than 1000 Ft (0 points) Copenter Than 1000 Ft (10 points) Copente					
2	Remarks: Redline Book - Outside Vulacable Zone Tapa-Outside One pit, pit is dry. Will close One pit iield measurement (ERNG) Mekr Detail Dutabage whom ender # 97954 Compose Large unit 213 as a permanent Permanent PUSH IN Disconnect at these coordinates E/8/24/6. Recode sout state whether earnot					

Z	ORIGINAL PIT LOCATION Original Pit: a) Degrees from North <u>Z8°</u> Footage from Wellhead <u>/Z/</u> b) Length: <u>Z3'</u> Width: <u>Z3'</u> Depth: <u>3'</u>
ORIGINAL PIT LOCATION	Z3' Z8 A Z8 A Z8 A
REMARKS	Remarks: Pictoria (29:34 (4-8, RollZ) Dump Truck No meter, meter house, or location sign on Site.
	Completed By: Auch Lelly 7/12/94 Signature Date

FIELD IT REMEDIATION/CLOSUF FORM

GENERAL	87954 KOL 8/26/94 Meter: ### Location: <u>CAN 40 N Larco</u> 2/3 Coordinates: Letter: <u>F</u> Section <u>8</u> Township: <u>24</u> Range: <u>6</u> Or Latitude Longitude Date Started: 8-25-94 Area: <u>07</u> Run: <u>62</u>
FIELD OBSERVATIONS	Sample Number(s): MK 189 MK2 9/ Sample Depth: 5' Feet Final PID Reading Sy PID Reading Depth 5' Feet Yes No Groundwater Encountered (1) (2) Approximate Depth Feet
CLOSURE	Remediation Method: Excavation
REMARKS	Pit Closure Date: 8-25-94 Pit Closed By: BEI Remarks: EPNG 1:Nes Not Marked Brown soil 100 Htorocorbon odor Hit sand Stone 5. 4 Field Measurement Moles Jetan 1 Dutables show notes to 87954 for Compan Largo 213 at coordinates E/8/24/11. This sik is a Permanent Disconnect as of 3/19/94. Records did not state whether or not the notes had been removed at this time. Field Pit site Assess Com signature of Specialist: Morgan Killian or location sign on site

(SP3191) 04/07/94 -2- The pit was a location Dr.p.



FIELD SERVICES LABORATORY ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field IC)		Lab ID			
SAMPLE NUMBER:	MK 289		946014				
MTR CODE SITE NAME:	87954		N/A				
SAMPLE DATE TIME (Hrs):	8/25/94		1445				
SAMPLED BY:							
DATE OF TPH EXT. ANAL.:	8-30-9	8 30 194					
DATE OF BTEX EXT. ANAL.:	EXT. ANAL.: N/A			A / LA			
TYPE DESCRIPTION:	V G-		Brown Fire Sana CCian				
REMARKS:	RI	ESULTS					
PARAMETER	RESULT	UNITS		QUALIFIERS			
			DF	J J	M(g)	V(ml)	
TPH (418.1)	195 H195	MG/KG			2.12	28	
HEADSPACE PID	58	PPM					
PERCENT SOLIDS	90.4	%					
		TPH is by EPA Metho	nd 418.1				
arrative:		- B-100 W.					
Dilution Factor Hond					·		
= Dilution Factor Used							
_							
oproved By:			Date:	9/2	194		

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