Meter Number:90600 ocation Name:SAN JUAN 28-7 UNIT #110

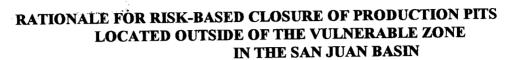
Location: TN-27 RG-07 SC-19 UL-N

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:

10⁻⁹ to 10⁻¹³ cm/sec Sandstone 10⁻¹² to 10⁻¹⁶ cm/sec 10⁻¹² to 10⁻¹⁵ cm/sec 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: 90600 Location: San Juan 28-7 Unit 110 Operator #: 0203 Operator Name: Amoco P/L District: Blanco Coordinates: Letter: N Section 19 Township: 27 Range: 7 Or Latitude Longitude Pit Type: Dehydrator Location Drip: Line Drip: Other: Site Assessment Date: 6/6/94 Area: 03 Run: 32							
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps) Inside Outside Outsid							
REMARKS	Remarks: Realine - Durside 4pits. Closel Pit Dry							
REM	Push-IN							

1

/SPT1001 04/08/04

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: 90600 Location: San Juan 28-7 [#] 110 Coordinates: Letter: N Section 19 Township: 27 Range: 7 Or Latitude Longitude —— Date Started: 8-17-94 Run: 03 32						
FIELD OBSERVATIONS	Sample Number(s): MKJ70 Sample Depth: Feet Final PID Reading PID Reading Depth Feet Yes No Groundwater Encountered						
CLOSURE	Remediation Method: Excavation						
REMARKS							



FIELD SERVICES LABORATORY ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

_	Lab ID					
SAMPLE NUMBER: ML 270			945959			
MTR CODE SITE NAME:	9060	0	N/A			
SAMPLE DATE TIME (Hrs):	81,7/91			1134		
SAMPLED BY: N/A						
DATE OF TPH EXT. ANAL.:	8/18/94		8/18/91			
DATE OF BTEX EXT. ANAL.:	NIM		h l.v			
TYPE DESCRIPTION:	JG	JG		Black five Sand		
REMARKS:		RESULTS				
	<u> </u>					
PARAMETER	RESULT	UNITS	DF	QUALIF	TIERS M(g)	V(ml)
TPH (418.1)	13,900	MG/KG			0.47	28
HEADSPACE PID	327	PPM				
PERCENT SOLIDS	91.8	%				
	-	- TPH is by EPA Meth	od 418.1 ··			
Narrative:						
DF = Dilution Factor Used						
Approved By:			Date:	9/2/40	/	

ILLEGIBLE