

### Marron # 29 Meter/Line ID – 71614

#### SITE DETAILS

Legals - Twn: 27N

Rng: 8W

Sec: 22

Unit: F

NMOCD Hazard Ranking: 0 Operator: R&G Drilling

Land Type: BLM

Pit Closure Date: 09/26/94

#### 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 twelve feet 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 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 25.2 mg/kg. This site was re-assessed on December 19, 1997, because the initial assessment incorrectly included washes as a surface water body.

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 almost six years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- 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 other sources of fresh water extraction within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Based on the Hazard Ranking Score, TPH concentrations were below required remediation levels.

**ATTACHMENT** 

Revised Field Pit Assessment Form Field Pit Remediation/Closure Form



Field Pit Assessment Form Laboratory Analytical Results

## **REVISED**FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: 7/6/4 Location: Marron #29  Operator #: Operator Name: P/L District:  Coordinates: Letter: F Section 22 Township: 27 Range: 8  Or Latitude Longitude  Pit Type: Dehydrator Location Drip: Line Drip: Other:  Site Assessment Date: 12/19/97 Area: Run:				
	NMOCD Zone:  (From NMOCD  Maps)  Inside  Outside  Land Type:  BLM X (1)  State (2)  Fee (3)  Indian				
	Depth to Groundwater  Less Than 50 Feet (20 points) (1)  50 Ft to 99 Ft (10 points) (2)  Greater Than 100 Ft (0 points) (3)				
SSMENT	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 ASSESSMENT	(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)				
	TOTAL HAZARD RANKING SCORE: O POINTS				
REMARKS	Remarks: Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Depth to GW measured to the Center of Largo Wash				

(assess) 12/16/97

## FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: 7164 Location: Marran #29  Operator #: 7335 Operator Name: P/L District: Ballard  Coordinates: Letter: F Section 22 Township: 27 Range: 8  Or Latitude Longitude  Pit Type: Dehydrator Location Drip: Line Drip: Other:  Site Assessment Date: 5/11/94 Area: 07 Run: 32
	NMOCD Zone:       Land Type:       BLM       ☒ (1)         (From NMOCD       State       ☐ (2)         Maps)       Inside       ☐ (1)       Fee       ☐ (3)         Outside       ☒ (2)       Indian       ☐         Depth to Groundwater       ☒ (1)       ☐       ☐ (2)         Less Than 50 Feet (20 points)       ☒ (1)       ☐ (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 One Taylor Canyon (off of Largo)
	(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: POINTS
REMARKS	Remarks: Redline Book-Inside, Vulnerable Zone Topo - Overside
RI	PUSH-IN (SP3190) 04/08/94

	ORIGINAL PIT LOCATION  Original Pit : a) Degrees from North 116° Footage from Wellhead 257'
	b) Length : 16' Width : 9' Depth : 1'
ORIGINAL PIT LOCATION	Wellham 116°
	Remarks:  Pictures @ 0902 (24-26)  Dung Truck
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REMA	
	Completed By:
	Con. Chance 6/11/94
	Signature Date
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## FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: 71614 Location: Marro #29  Coordinates: Letter: Section 22 Township: 22 Range: 8  Or Latitude Longitude — Date Started: 9-2694 Run: 07 32
FIELD OBSERVATIONS	Sample Number(s): \[ \sum_{\omega34 } \]  Sample Depth: \[ \sum_{\omega2} \sum_{\omega} \]  Feet  Final PID Reading \[ Depth \]  Yes No  Groundwater Encountered \[ \sum_{\omega} \sum_{\omega} \]  Approximate Depth \[ Depth \]  Feet
CLOSURE	Remediation Method:  Excavation
REMARKS	Remarks:  Signature of Specialist: Walk Wilson  (SP3191) 03/16/



CHAIN OF CUSTODY RECORD

PROJECT NUMBER		PROJECT A	IAME	PROJECT NAME		-	_	REQUESTED ANALYSIS	Sis	CONTRACT LABORATORY P. O. NUMBER	
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White - Testing Laboratory Canary - EPNG Lab Pink - Field Sampler

FM-08-0565A (Rev. 03-94)



# FIELD SERVICES LABORATORY ANALYTICAL REPORT

## PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

#### SAMPLE IDENTIFICATION

	SAMPLE	DENTIFICA	TION		
	Fie	id ID		Lab ID	
SAMPLE NUMBER:	VW 34	<u> </u>	9462	26	
MTR CODE   SITE NAME:	71614			N/A	
SAMPLE DATE   TIME (Hrs):	9/261	94	163	30	
SAMPLED BY:		N	/A		
DATE OF TPH EXT.   ANAL.:	9/27/	94	9/27	194	
DATE OF BTEX EXT.   ANAL.:	NIA		NA		
TYPE   DESCRIPTION:	V6		France	Sand 5	Clan
					1
REMARKS:					
		RESULTS			<del></del>
DADAMETER	RESULT	UNITS		QUALIF	IERS
PARAMETER	RESULI		DF	Q	M(g) V(ml)
TPH (418.1)	25.2	MG/KG			2,04 28
HEADSPACE PID	10	PPM			
PERCENT SOLIDS	94.7	%		1	
		TPH is by EPA Meth	od 418.1 ··		<del></del>
Narrative:					
DF = Dilution Factor Used					
^~oroved By:			Date:	10/6/9	4