

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

RISK
BTEX

Krause WN Federal No. 5E
Meter/Line ID – 93585

SITE DETAILS

Legals - Twn: 28N	Rng: 11W	Sec: 28	Unit: E
NMOCD Hazard Ranking: 10		Land Type: BLM	
Operator: Conoco		Pit Closure Date: 10/06/94	

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 1002 ppm; laboratory analysis indicated a TPH concentration of 583 mg/kg. This site was re-assessed on April 28, 1998, 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.
- 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

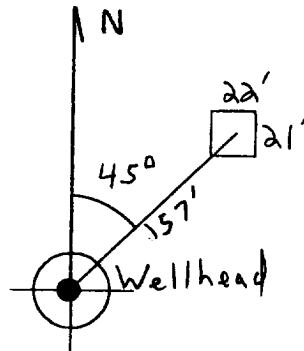
GENERAL	<p>Meter: <u>93585</u> Location: <u>KRAUSE WVN FEDERAL #52</u></p> <p>Operator #: _____ Operator Name: <u>CONOCO</u> P/L District: _____</p> <p>Coordinates: Letter: <u>E</u> Section <u>28</u> Township: <u>28</u> Range: <u>11</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4.28.98</u> Area: <u>01</u> Run: <u>63</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 150px;">Land Type:</p> <div style="display: flex; justify-content: space-between;"> <div> <p>Inside <input type="checkbox"/> (1)</p> <p>Outside <input checked="" type="checkbox"/> (2)</p> </div> <div> <p>BLM <input checked="" type="checkbox"/> (1)</p> <p>State <input type="checkbox"/> (2)</p> <p>Fee <input type="checkbox"/> (3)</p> <p>Indian _____</p> </div> </div> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input type="checkbox"/> (1)</p> <p>50 Ft to 99 Ft (10 points) <input checked="" type="checkbox"/> (2)</p> <p>Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Wellhead Protection Area</p> <p>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?</p> <p style="text-align: center;"><input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> <p>Horizontal Distance to Surface Water Body</p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p>200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2)</p> <p>Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____</p> <p>(Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only)</p> <p style="margin-left: 350px;"><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS</p>
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. LOCATION IS IN A REMOTE AREA WEST OF HWY. 44 AND EAST OF HORN CANYON.</u></p>

FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>93585</u> Location: <u>Krause WN Federal No 5E</u> Operator #: <u>0286</u> Operator Name: <u>Conoco</u> P/L District: <u>Angel Peak</u> Coordinates: Letter: <u>E</u> Section <u>28</u> Township: <u>28</u> Range: <u>11</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>9/13/94</u> Area: <u>01</u> Run: <u>63</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p>Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type: BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p>Depth to Groundwater Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> <p>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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> <p>Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points) <input type="checkbox"/> (1) 200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>Horn Canyon (off of San Juan)</u> (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>30</u> POINTS</p>
REMARKS	<p>Remarks : <u>Redline Book - Inside</u> , <u>Vulnerable Zone Topo - Outside</u> <u>2 pits. Will close. Pit dry</u></p> <p style="text-align: right;"><u>PUSH-IN</u></p>

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 45° Footage from Wellhead 157'
b) Length : 22' Width : 21' Depth : 6'



REMARKS :

Pictures @ 1531 hr

Completed By:

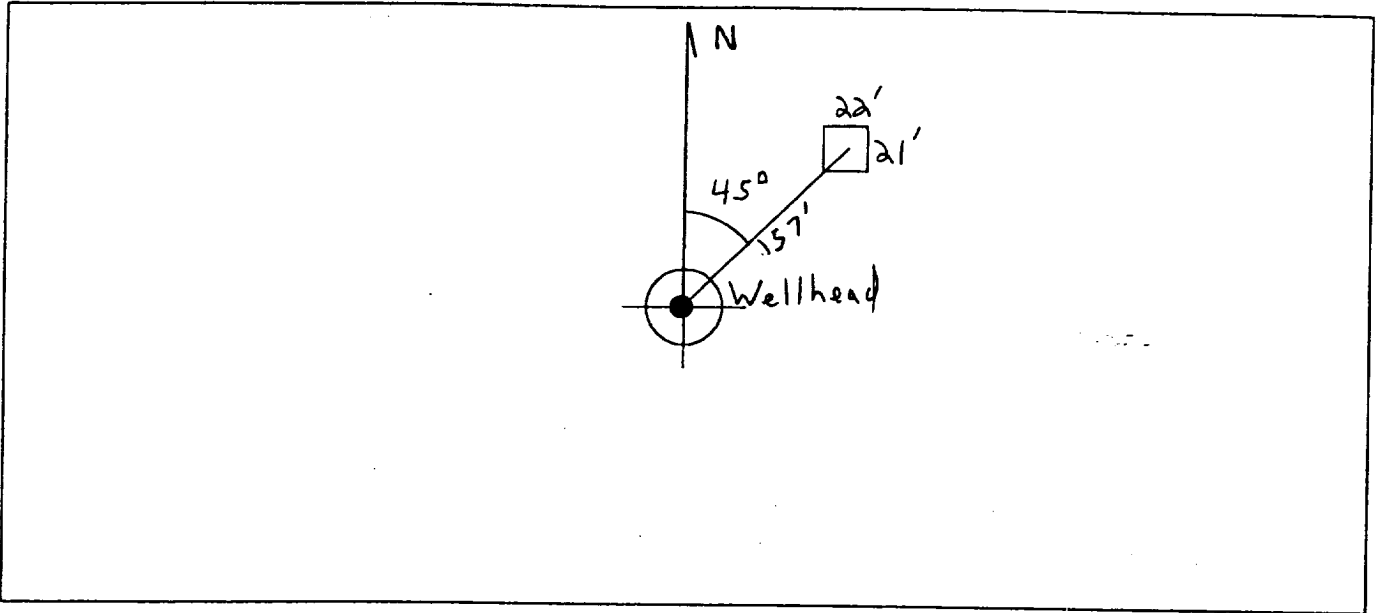
Cory Clane
Signature

9/13/94
Date

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REMARKS

Remarks :

Pictures @ 1531 hr

Completed By:

Cory Chase
Signature

9/13/94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>93585</u> Location: <u>Krause WNW Sec #5E</u></p> <p>Coordinates: Letter: <u>E</u> Section <u>28</u> Township: <u>28</u> Range: <u>11</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>10/6/94</u> Run: <u>01</u> <u>63</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>KD 322</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>1002 ppm</u> PID Reading Depth _____ Feet</p> <p>Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet</p>
CLOSURE	<p>Remediation Method :</p> <p>Excavation <input type="checkbox"/> Approx. Cubic Yards _____</p> <p>Onsite Bioremediation <input type="checkbox"/></p> <p>Backfill Pit Without Excavation <input checked="" type="checkbox"/></p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> Tierra <input type="checkbox"/></p> <p>Other Facility <input type="checkbox"/> Name: _____</p> <p>Pit Closure Date: <u>10/6/94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : <u>Test Hole Depth 12', Took pid Sample, Closed pit.</u></p>
<p>Signature of Specialist: <u>Henry Damm</u></p>	



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KD 322	946352
MTR CODE SITE NAME:	93585	N/A
SAMPLE DATE TIME (Hrs):	10/6/94	1140
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	10-10-94	
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Brown Sand & Clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	583	MG/KG			1.92	28
HEADSPACE PID	1002	PPM				
PERCENT SOLIDS	85.2	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

10-13-94



CHAIN OF CUSTODY RECORD

PROJECT NUMBER # 24324		PROJECT NAME Pit Closure Project		DATE 10/6/94		FIELD ID		TOTAL NUMBER OF CONTAINERS		SAMPLE TYPE		REQUESTED ANALYSIS				CONTRACT LABORATORY P. O. NUMBER					
LAB ID		DATE		TIME		MATRIX						TPH EPA 418.1		BTX EPA 8020		LAB PID		SEQUENCE #		REMARKS	
946350	10/6/94	0835	Soil	KD 320	1	Vg	X														
946351	10/6/94	1050	Soil	KD 321	1	Vg	X														
946352	10/6/94	1140	Soil	KD 322	1	Vg	X														
<div> <div>RELINQUISHED BY: (Signature)</div> <div>DATE/TIME 30</div> <div>RECEIVED BY: (Signature)</div> <div>DATE/TIME 10/6/94 1400</div> </div> <div> <div>RELINQUISHED BY: (Signature)</div> <div>DATE/TIME</div> <div>RECEIVED BY: (Signature)</div> <div>DATE/TIME</div> </div>																					
<div> <div>RELINQUISHED BY: (Signature)</div> <div>DATE/TIME 240</div> <div>RECEIVED BY: (Signature)</div> <div>DATE/TIME 10/1/94 0915</div> </div> <div> <div>RELINQUISHED BY: (Signature)</div> <div>DATE/TIME</div> <div>RECEIVED BY: (Signature)</div> <div>DATE/TIME</div> </div>																					
<div> <div>REQUESTED TURNAROUND TIME:</div> <div> <input type="checkbox"/> ROUTINE <input type="checkbox"/> RUSH </div> </div> <div> <div>CARRIER CO.</div> <div></div> </div>																					
<div> <div>RESULTS & INVOICES TO:</div> <div> FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P. O. BOX 4990 FARMINGTON, NEW MEXICO 87499 </div> </div> <div> <div>CHARGE CODE</div> <div></div> </div>																					
<div> <div>BILL NO.:</div> <div></div> </div> <div> <div>505-599-2144</div> <div>FAX: 505-599-2261</div> </div>																					