

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Risk
Bedrock

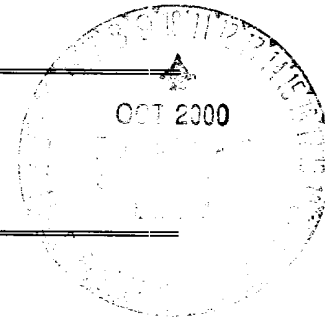
Oxnard WN Fed #6
Meter/Line ID – 75997

SITE DETAILS

Legals - Twn: 27N
NMOCD Hazard Ranking: 20
Operator: Conoco

Rng: 8W

Sec: 15 Unit: A
Land Type: FEE
Pit Closure Date: 07/20/94



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 eight feet below ground surface and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit and bedrock was encountered at eight feet below ground surface. 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 178 ppm; laboratory analysis indicated a TPH concentration of 129 mg/kg. TPH was above required remediation levels for the Hazard Ranking Score. This site was re-assessed on March 27, 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 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 excavation.
- Bedrock was encountered at 8 feet below ground surface making further remediation impractical; consequently, impact to groundwater is unlikely.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.

ATTACHMENT

Field Pit Assessment Form
Laboratory Analytical Results

Revised Field Pit Site Assessment Form
Field Pit Remediation/Closure Form

GENERAL

SITE ASSESSMENT

REMARKS:

(assess) 12/16/97

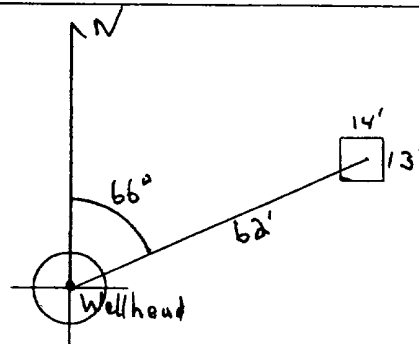
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>75997</u> Location: <u>Oxnard WN Fed. No. 6</u></p> <p>Operator #: <u>0286</u> Operator Name: <u>Conoco</u> P/L District: <u>Blanco</u></p> <p>Coordinates: Letter: <u>A</u> Section <u>15</u> Township: <u>27</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: <input checked="" type="checkbox"/> Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>5/27/94</u> Area: <u>13</u> Run: <u>31</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 type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input checked="" type="checkbox"/> (3) Indian _____ <i>Patented Land</i></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>Largo Canyon</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>Red line=Inside, Vuln=Outside</u> <u>1 pit. Will close. Pit Dry.</u></p> <p><u>PUSH-IN</u></p>

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 66° Footage from Wellhead 62'
b) Length : 14' Width : 13' Depth : 0.5'

ORIGINAL PIT LOCATION



Remarks :

Pictures @ 1053 (1-4) coll 4

Dump Truck

REMARKS

Completed By:

Cory Chase
Signature

5/24/94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>75997</u> Location: <u>OXFORD W N Fed #6</u></p> <p>Coordinates: Letter: <u>A</u> Section <u>15</u> Township: <u>27</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>7-20-94</u> Run: <u>13</u> <u>3331</u> ^{acc 7-21-94}</p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>MK 169</u></p> <p>Sample Depth: <u>8'</u> Feet</p> <p>Final PID Reading <u>178</u> PID Reading Depth <u>8'</u> 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>7-20-94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : <u>EPNG lines marked soil Brown slight</u></p> <p><u>Hydrocarbon odor Hit SANDSTONE 8'</u></p>
Signature of Specialist:	<p><u>Morgan Killian</u></p>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	MK 169	945730
MTR CODE SITE NAME:	75997	N/A
SAMPLE DATE TIME (Hrs):	7-20-94	1324
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	7-21-94	7/21/94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	KDK 1324 Coarse Brown Sand 7/21/94

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE		MG/KG				
TOLUENE		MG/KG				
ETHYL BENZENE		MG/KG				
TOTAL XYLENES		MG/KG				
TOTAL BTEX		MG/KG				
TPH (418.1)	129	MG/KG			1.99	28
HEADSPACE PID	178	PPM				
PERCENT SOLIDS	97.1	%				

- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 -

The Surrogate Recovery was at N/A % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

DP

8/8/94



CHAIN OF CUSTODY RECORD

PROJECT NUMBER		PROJECT NAME		Pit Closure Project # 24324		DATE: 7-20-94	
SAMPLERS: (Signature)		Morgan Killian		DATE: 7-20-94		DATE: 7-20-94	
LAB ID	DATE	TIME	MATRIX	SAMPLE NUMBER	TOTAL NUMBER OF CONTAINERS	SAMPLE TYPE	TPH EPA 418.1
5724	7-20	08:58	Soil	MK 163	1	UG	X
5725	7-20-94	09:40	Soil	MK 164	1	UG	X
5726	7-20-94	10:21	Soil	MK 165	1	UG	X
5727	7-20-94	10:59	Soil	MK 166	1	UG	X
5728	7-20-94	11:35	Soil	MK 167	1	UG	X
5729	7-20-94	12:35	Soil	MK 168	1	UG	X
5730	7-20-94	13:24	Soil	MK 169	1	UG	X
5731	7-20-94	14:40	Soil	MK 170	1	UG	X
5732	7-20-94	15:45	Soil	MK 171	1	UG	X
5733	7-20-94	16:49	Soil	MK 172	1	UG	X

REQUESTED ANALYSIS		DATE/TIME		RECEIVED BY: (Signature)	
TPH EPA 418.1	TPH EPA 8020	DATE/TIME	DATE/TIME	RECEIVED BY: (Signature)	RECEIVED BY: (Signature)
		7/20/94 17:51	7/20/94 09:27	L. Casabeen	L. Casabeen

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