

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

OK

San Juan 29-5 #70
Meter/Line ID – 14076

SITE DETAILS

Legals - Twn: 29N	Rng: 5W	Sec: 28	Unit: H
NMOCD Hazard Ranking: 30		Land Type: FEE	
Operator: Phillips		Pit Closure Date: 07/07/94	

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.

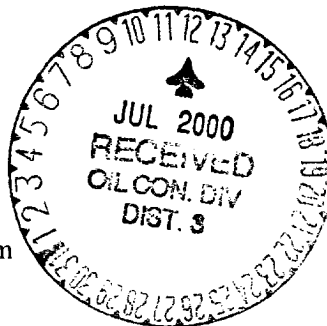
A test pit was excavated to 12 feet and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit. The pit was backfilled and graded in a manner to direct surface runoff away from the pit area. Field headspace analysis indicated an organic vapor content of 11 ppm; laboratory analysis indicated a TPH concentration of <10 mg/kg.

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 over five 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.
- Based on the Hazard Ranking Score, TPH was below required remediation levels.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.

ATTACHMENT

Field Pit Assessment Form
Field Pit Remediation/Closure Form



Laboratory Analytical Results .

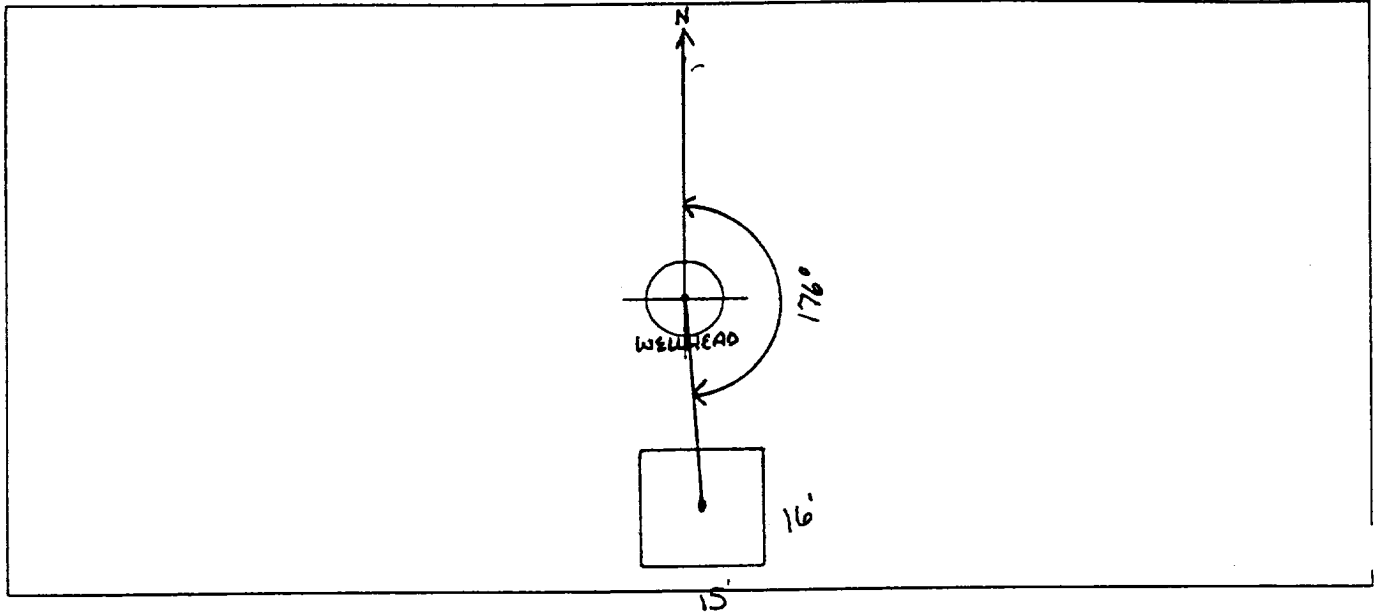
FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>14076</u> Location: <u>SAN JUAN 29-S #70</u> Operator #: <u>7035</u> Operator Name: <u>PHILLIPS</u> P/L District: <u>BLOOMFIELD</u> Coordinates: Letter: <u>H</u> Section <u>28</u> Township: <u>29</u> Range: <u>S</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator ☒ Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>6.8.94</u> Area: <u>10</u> Run: <u>71</u>																
SITE ASSESSMENT	NMOCD Zone: (From NMOCD Maps) Land Type: <table border="0"> <tr> <td>Inside</td> <td>☐ (1)</td> <td>BLM</td> <td>☐ (1)</td> </tr> <tr> <td>Outside</td> <td>☒ (2)</td> <td>State</td> <td>☐ (2)</td> </tr> <tr> <td></td> <td></td> <td>Fee</td> <td>☒ (3)</td> </tr> <tr> <td></td> <td></td> <td>Indian</td> <td>_____</td> </tr> </table> 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) Wellhead Protection Area : <u>WINDMILL</u> 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) 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, 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: <u>30</u> POINTS	Inside	☐ (1)	BLM	☐ (1)	Outside	☒ (2)	State	☐ (2)			Fee	☒ (3)			Indian	_____
Inside	☐ (1)	BLM	☐ (1)														
Outside	☒ (2)	State	☐ (2)														
		Fee	☒ (3)														
		Indian	_____														
REMARKS	Remarks : <u>TWO PITS ON LOCATION. PIT IS WET. WILL CLOSE ONLY ONE PIT.</u> <u>LOCATION IS EAST OF HWY. 64 TO DULCE. REDLINE AND TOPO CONFIRMED</u> <u>LOCATION IS OUTSIDE V.Z.</u> <u>POSSIBLE</u>																

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 176° Footage from Wellhead 82'
b) Length : 16' Width : 15' - Depth : 2'

ORIGINAL PIT LOCATION



Remarks :

TOOK PICTURES AT 11:50 A.M.

DUMP TRUCK - BORTAK

REMARKS

Completed By:

Robert Thompson

Signature

6-8-94

Date

FIELD IT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>14076</u> Location: <u>SAN JUAN 29-5 #70</u> Coordinates: Letter: <u>H</u> Section <u>28</u> Township: <u>29</u> Range: <u>5</u> Or Latitude _____ Longitude _____ Date Started : <u>7-7-94</u> Area: <u>10</u> Run: <u>71</u>
FIELD OBSERVATIONS	Sample Number(s): <u>mk 99</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>11</u> PID Reading Depth <u>12'</u> Feet Yes No Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation ☐ (1) Approx. Cubic Yards _____ Onsite Bioremediation ☐ (2) Backfill Pit Without Excavation ☒ (3) Soil Disposition: Envirotech ☐ (1) ☐ (3) Tierra Other Facility ☐ (2) Name: _____ Pit Closure Date: <u>7-7-94</u> Pit Closed By: <u>BEI</u>
REMARKS	Remarks : <u>EPNG lines mark soil Brown NO Hydrocarbon odor Pit Had about a Foot of water in it</u>
	Signature of Specialist: <u>Morgan Killion</u>

CHAIN OF CUSTODY RECORD

Page _____ of _____

PROJECT NAME Pit Closure Project # 24324				CONTACT LABORATORY P. O. NUMBER				
SAMPLERS: (Signature) <i>Morgan Killian</i>				DATE: 7-22-94				
LAB ID	DATE	MATRIX	SAMPLE NUMBER	TOTAL NUMBERS OF CONTAINERS	SAMPLE TYPE	REQUESTED ANALYSIS		REMARKS
						EPA 418.1 TPH	EPA 8020 BTX	
	7-22-94	SOIL	MK 96	1	UG	X		359 H
	7-22-94	SOIL	MK 97	1	UG	X		85
	7-22-94	SOIL	MK 98	1	UG	X		86
	7-22-94	SOIL	MK 99	1	UG	X		87
	7-22-94	SOIL	MK 100	1	UG	X		88
	7-22-94	SOIL	MK 101	1	UG	X		89
	7-22-94	SOIL	MK 102	1	UG	X		90
	7-22-94	SOIL	MK 103	1	UG	X		91
	7-22-94	SOIL	MK 104	1	UG	X		
	7-22-94	SOIL	MK 105	1	UG	X		
	7-22-94	SOIL	MK 106	1	UG	X		
	7-22-94	SOIL	MK 107	1	UG	X		
	7-22-94	SOIL	MK 108	1	UG	X		
	7-22-94	SOIL	MK 109	1	UG	X		
	7-22-94	SOIL	MK 110	1	UG	X		
	7-22-94	SOIL	MK 111	1	UG	X		
	7-22-94	SOIL	MK 112	1	UG	X		
	7-22-94	SOIL	MK 113	1	UG	X		
	7-22-94	SOIL	MK 114	1	UG	X		
	7-22-94	SOIL	MK 115	1	UG	X		
	7-22-94	SOIL	MK 116	1	UG	X		
	7-22-94	SOIL	MK 117	1	UG	X		
	7-22-94	SOIL	MK 118	1	UG	X		
	7-22-94	SOIL	MK 119	1	UG	X		
	7-22-94	SOIL	MK 120	1	UG	X		
	7-22-94	SOIL	MK 121	1	UG	X		
	7-22-94	SOIL	MK 122	1	UG	X		
	7-22-94	SOIL	MK 123	1	UG	X		
	7-22-94	SOIL	MK 124	1	UG	X		
	7-22-94	SOIL	MK 125	1	UG	X		
	7-22-94	SOIL	MK 126	1	UG	X		
	7-22-94	SOIL	MK 127	1	UG	X		
	7-22-94	SOIL	MK 128	1	UG	X		
	7-22-94	SOIL	MK 129	1	UG	X		
	7-22-94	SOIL	MK 130	1	UG	X		
	7-22-94	SOIL	MK 131	1	UG	X		
	7-22-94	SOIL	MK 132	1	UG	X		
	7-22-94	SOIL	MK 133	1	UG	X		
	7-22-94	SOIL	MK 134	1	UG	X		
	7-22-94	SOIL	MK 135	1	UG	X		
	7-22-94	SOIL	MK 136	1	UG	X		
	7-22-94	SOIL	MK 137	1	UG	X		
	7-22-94	SOIL	MK 138	1	UG	X		
	7-22-94	SOIL	MK 139	1	UG	X		
	7-22-94	SOIL	MK 140	1	UG	X		
	7-22-94	SOIL	MK 141	1	UG	X		
	7-22-94	SOIL	MK 142	1	UG	X		
	7-22-94	SOIL	MK 143	1	UG	X		
	7-22-94	SOIL	MK 144	1	UG	X		
	7-22-94	SOIL	MK 145	1	UG	X		
	7-22-94	SOIL	MK 146	1	UG	X		
	7-22-94	SOIL	MK 147	1	UG	X		
	7-22-94	SOIL	MK 148	1	UG	X		
	7-22-94	SOIL	MK 149	1	UG	X		
	7-22-94	SOIL	MK 150	1	UG	X		
	7-22-94	SOIL	MK 151	1	UG	X		
	7-22-94	SOIL	MK 152	1	UG	X		
	7-22-94	SOIL	MK 153	1	UG	X		
	7-22-94	SOIL	MK 154	1	UG	X		
	7-22-94	SOIL	MK 155	1	UG	X		
	7-22-94	SOIL	MK 156	1	UG	X		
	7-22-94	SOIL	MK 157	1	UG	X		
	7-22-94	SOIL	MK 158	1	UG	X		
	7-22-94	SOIL	MK 159	1	UG	X		
	7-22-94	SOIL	MK 160	1	UG	X		
	7-22-94	SOIL	MK 161	1	UG	X		
	7-22-94	SOIL	MK 162	1	UG	X		
	7-22-94	SOIL	MK 163	1	UG	X		
	7-22-94	SOIL	MK 164	1	UG	X		
	7-22-94	SOIL	MK 165	1	UG	X		
	7-22-94	SOIL	MK 166	1	UG	X		
	7-22-94	SOIL	MK 167	1	UG	X		
	7-22-94	SOIL	MK 168	1	UG	X		
	7-22-94	SOIL	MK 169	1	UG	X		
	7-22-94	SOIL	MK 170	1	UG	X		
	7-22-94	SOIL	MK 171	1	UG	X		
	7-22-94	SOIL	MK 172	1	UG	X		
	7-22-94	SOIL	MK 173	1	UG	X		
	7-22-94	SOIL	MK 174	1	UG	X		
	7-22-94	SOIL	MK 175	1	UG	X		
	7-22-94	SOIL	MK 176	1	UG	X		
	7-22-94	SOIL	MK 177	1	UG	X		
	7-22-94	SOIL	MK 178	1	UG	X		
	7-22-94	SOIL	MK 179	1	UG	X		
	7-22-94	SOIL	MK 180	1	UG	X		
	7-22-94	SOIL	MK 181	1	UG	X		
	7-22-94	SOIL	MK 182	1	UG	X		
	7-22-94	SOIL	MK 183	1	UG	X		
	7-22-94	SOIL	MK 184	1	UG	X		
	7-22-94	SOIL	MK 185	1	UG	X		
	7-22-94	SOIL	MK 186	1	UG	X		
	7-22-94	SOIL	MK 187	1	UG	X		
	7-22-94	SOIL	MK 188	1	UG	X		
	7-22-94	SOIL	MK 189	1	UG	X		
	7-22-94	SOIL	MK 190	1	UG	X		
	7-22-94	SOIL	MK 191	1	UG	X		
	7-22-94	SOIL	MK 192	1	UG	X		
	7-22-94	SOIL	MK 193	1	UG	X		
	7-22-94	SOIL	MK 194	1	UG	X		
	7-22-94	SOIL	MK 195	1	UG	X		
	7-22-94	SOIL	MK 196	1	UG	X		
	7-22-94	SOIL	MK 197	1	UG	X		
	7-22-94	SOIL	MK 198	1	UG	X		
	7-22-94	SOIL	MK 199	1	UG	X		
	7-22-94	SOIL	MK 200	1	UG	X		

RELINQUISHED BY: (Signature) <i>Morgan Killian</i>	DATE/TIME 7-22-94 15:20	RECEIVED BY: (Signature) <i>Theresa A. L...</i>	DATE/TIME 7-22-94 15:20
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	DATE/TIME

REQUESTED TURNAROUND TIME: ☐ ROUTINE ☐ RUSH	CARRIER CO.	BILL NO.:
RESULTS & INVOICES TO: FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P. O. BOX 4990 FARMINGTON, NEW MEXICO 87499 505-599-2144 FAX: 505-599-2261		



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	mk 99	945612
MTR CODE SITE NAME:	14076	N/A
SAMPLE DATE TIME (Hrs):	7/7/94	1218
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	7-12-94	7/12/94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VG	Brown clay

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)	210	MG/KG			2.27	23
HEADSPACE PID	11	PPM				
PERCENT SOLIDS	82.0	%				

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

The Surrogate Recovery was at
relative:

N/A % for this sample All QA/QC was acceptable.

DF = Dilution Factor Used

Approved By:

SP

Date:

7/12/94

Page 7 of 7

White - Testing Laboratory. Canary - EPNG Lab Pink - Field Sampler