

*Denny E. Faust*  
DEPUTY OIL & GAS INSPECTOR  
EL PASO FIELD SERVICES  
PIT CLOSURE REPORT

AUG 09 1999

*Approved*

NAV ALD G C.M. A1  
Meter/Line ID - 71803

SITE DETAILS

Locals: Twp: 28N  
NMOCD Hazard Ranking: 20  
Operator: Amoco Production Company

Sec: 25 Unit: A  
Land Type: Navajo

PREVIOUS ACTIVITIES

Site Assessment: June-94

Test Excavation: Sept-94

A test excavation was conducted on the pit and a soil sample was collected at 12 feet beneath ground surface (bgs). The headspace soil reading from the excavation bottom was 18 ppm. Soil analytical results were as follows: TPH (418.1) 45.1 mg/kg .

CONCLUSIONS

The primary source, discharge to the pit, has been removed and the pit has been closed for over four years.

Groundwater was not encountered and an analytical soil sample, collected from below the pit, was below New Mexico Oil Conservation Division standards for a pit with a hazard ranking of 20. Impact to groundwater is unlikely and no excavation of soils from the pit was required to meet closure standards. The pit was filled with clean fill dirt during final pit closure activities.

RECOMMENDATIONS

- EPFS requests closure at this site.

ATTACHMENT

Field Pit Assessment Form  
Field Pit Remediation/Closure Form  
Laboratory Analytical Results  
Chain of Custody

RECEIVED  
JUN 22 1999

OIL CON. DIV.  
DIST. 3

check

## FIELD PIT SITE ASSESSMENT FORM

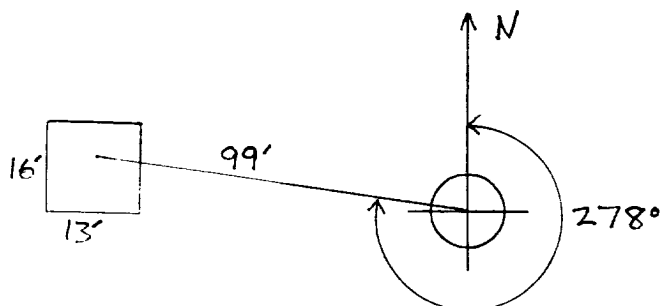
3

GENERAL	Meter: <u>71803</u> Location: <u>Nav ALD G CM A1</u> Operator #: <u>0203</u> Operator Name: <u>Amoco</u> P/L District: <u>Ballard</u> Coordinates: Letter: <u>A</u> Section <u>25</u> Township: <u>28</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>6-9-94</u> Area: <u>11</u> Run: <u>92</u>								
SITE ASSESSMENT	<table border="0"> <tr> <td data-bbox="219 723 487 861"><b>NMOCD Zone:</b> (From NMOCD Maps)</td> <td data-bbox="584 819 722 915">           Inside <input type="checkbox"/> (1)            Outside <input checked="" type="checkbox"/> (2)         </td> <td data-bbox="917 734 1136 776"><b>Land Type:</b></td> <td data-bbox="1193 734 1461 883">           BLM <input type="checkbox"/> (1)            State <input type="checkbox"/> (2)            Fee <input type="checkbox"/> (3)         </td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/> Indian</td> <td><u>NAVAJO LAND</u></td> </tr> </table> <p><b>Depth to Groundwater</b></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><b>Wellhead Protection Area :</b></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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> <p><b>Horizontal Distance to Surface Water Body</b></p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p>200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2)</p> <p>Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>Blanco Canyon</u></p> <p>(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) &lt; 100' (Navajo Pits Only)  <input checked="" type="checkbox"/> (2) &gt; 100'</p> <p><b>TOTAL HAZARD RANKING SCORE:</b> <u>20</u> POINTS</p>	<b>NMOCD Zone:</b> (From NMOCD Maps)	Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)	<b>Land Type:</b>	BLM <input type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3)			<input checked="" type="checkbox"/> Indian	<u>NAVAJO LAND</u>
<b>NMOCD Zone:</b> (From NMOCD Maps)	Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)	<b>Land Type:</b>	BLM <input type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3)						
		<input checked="" type="checkbox"/> Indian	<u>NAVAJO LAND</u>						
REMARKS	Remarks : <u>one pit - next to Meter house. pit is dry</u> <u>location outside V.Z. on Redline &amp; Topo</u>								

PUSH IN

# ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 278 Footage from <sup>Dogleg</sup> Wellhead 99  
 b) Length : 16 Width : 13 Depth : 3



Dogleg NAV ALD G CM A1

## REMARKS :

Photos 1610 & 1150?  
 End dump

Pit Measured from Dogleg NAV ALD G CM A1

Completed By:

[Signature]

Signature

6-9-94

Date

# FIELD PIT REMEDIATION/CLOSURE FORM

<b>GENERAL</b>	Meter: <u>71803</u> Location: <u>NAV ALD G CM A-1</u> Coordinates: Letter: <u>A</u> Section <u>25</u> Township: <u>28</u> Range: <u>9</u> Or Latitude _____ Longitude _____ Date Started : <u>9-13-94</u> Run: <u>11</u> <u>92</u>
<b>FIELD OBSERVATIONS</b>	Sample Number(s): <u>VW 276</u> Sample Depth: <u>12</u> Feet Final PID Reading <u>18</u> PID Reading Depth <u>12'</u> Feet <div style="text-align: center;">Yes      No</div> Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
<b>CLOSURE</b>	Remediation Method : <div style="display: flex; justify-content: space-between;"> <div>           Excavation            Onsite Bioremediation            Backfill Pit Without Excavation         </div> <div style="text-align: right;"> <input type="checkbox"/> Approx. Cubic Yards _____  <input type="checkbox"/>  <input checked="" type="checkbox"/> </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between;"> <div>           Envirotech <input type="checkbox"/>            Other Facility <input type="checkbox"/> </div> <div style="text-align: right;"> <input type="checkbox"/> Tierra            Name: _____         </div> </div> Pit Closure Date: <u>9-13-94</u> Pit Closed By: <u>BEZ</u>
<b>REMARKS</b>	Remarks : _____ _____ _____
	Signature of Specialist: <u>Vale Wilson</u>



## FIELD SERVICES LABORATORY

### ANALYTICAL REPORT

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

#### SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW 276	946117
MTR CODE   SITE NAME:	71803	N/A
SAMPLE DATE   TIME (Hrs):	9-13-94	1230
SAMPLED BY:	N/A	
DATE OF TPH EXT.   ANAL.:	9-15-94	9-15-94
DATE OF BTEX EXT.   ANAL.:	N/A	N/A
TYPE   DESCRIPTION:	VG	Brown fine sand

REMARKS:

#### RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	45.1	MG/KG			1.98	28
HEADSPACE PID	18	PPM				
PERCENT SOLIDS	93.5	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

9/30/94

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*****
*                               *
*      Test Method for          *
*      Oil and Grease and Petroleum Hydrocarbons      *
*      in Water and Soil       *
*                               *
*      Perkin-Elmer Model 1600 FT-IR                    *
*      Analysis Report    *
*****

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* 94/09/15 13:46
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* Sample identification
* 946117
*
* Initial mass of sample, g
* 1.980
*
* Volume of sample after extraction, ml
* 28.000
*
* Petroleum hydrocarbons, ppm
* 45.111
* Net absorbance of hydrocarbons (2930 cm-1)
* 0.015
*
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*

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