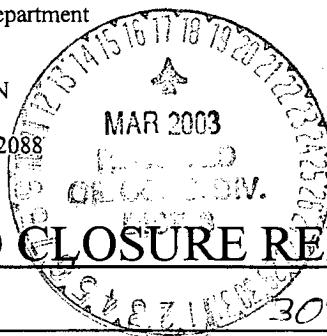


1000 Rio Brazos Rd, Aztec, NM 87410

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE



# PIT REMEDIATION AND CLOSURE REPORT

**RANKING SCORE (TOTAL POINTS):** **0**

Date Remediation Started: 1/22/2003 Date Completed: 1/22/03  
Excavation X Approx. cubic yards 0  
Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
Other \_\_\_\_\_

Remediation Method: Onsite N/A Offsite \_\_\_\_\_  
(Check all appropriate sections) \_\_\_\_\_

General Description of Remedial Action : A soil sample was obtained from the center bottom of the pit at a depth of 6 feet utilizing U.S.E.P.A. protocol and evaluated for GRO/DRO analysis. The sample was tested and provided oncentrations below NMOCD guidelines.

Ground Water Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit:  
Closure Sampling:  
(if multiple samples,  
attach sample results  
and diagram of sample  
locations and depths)

Sample location Center Bottom

Sample depth 6 feet

Sample date 1/22/03

Sample time 10:40

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX (PPM) \_\_\_\_\_

Field Headspace (ppm) 89.8 ppm

TPH 1000 ppm

Ground Water Sample: Yes \_\_\_\_\_ No X (if yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETED TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 10 Feb 03 PRINTED NAME Frank McDonald

SIGNATURE [Signature] and TITLE Environmental Specialist

Client: Conoco Phillips  
Project: TPH  
Sample ID: SJ 29-6 #91  
Lab ID: 0303W00238  
Matrix: Soil  
Condition: Intact

Date Reported: 01/31/03  
Date Sampled: 01/22/03  
Date Received: 01/22/03  
Date Analyzed: 01/28/03

Parameter	Analytical Result	PQL	MCL	Units
<b>TPH - Method 8015M</b>				
Gasoline Range Organics(C6-C10)	530	10		mg/Kg
Diesel Range Organics (C10 - C22)	470	10		mg/Kg
Total Petroleum Hydrocarbons (C6-C22)	1,000	10		mg/Kg
<b>Quality Control - Surrogate Recovery</b>				
	%		<b>QC Limits</b>	
4-Bromofluorobenzene(SUR-8015B)	136		50 - 150	
o-Terphenyl(SUR-8015)	109		50 - 150	

Reference: Method 8015AZ, C10 - C32 Hydrocarbons in Soil, Arizona Department of Health Services, Revision - 1.0, 09/25/98.

Reviewed By: 

<b>Location:</b> <u>SJ 29-6 # 91</u>		<b>Site Diagram:</b>  
<b>Unit Letter:</b> <u>H</u>	<b>Sec.</b> <u>21</u> <b>Twn.</b> <u>29</u> <b>Rng</b> <u>6</u>	
<b>Pit Reference from Wellhead:</b> <u>40° N 15 degrees W</u>		
<b>Pit:</b> <u>abandoned</u>		
<b>Initial size:</b> <u>10' x 10' x 3' deep</u>		
<b>Final Size:</b> <u>10' x 10' x 3' deep</u>		
<b>Total Cubic Yards:</b> <u>0</u>		
<b>Distances from (ft):</b>		
<b>Groundwater:</b> <u>&gt;100 ft</u>		
<b>Wellhead Protection Area:</b> <u>&gt;1000 ft</u>		
<b>Nearest Surface Water:</b> <u>&gt;1000 ft</u>		
<b>Distance to ephemeral stream:</b> <u>N/A</u>		
<b>Ranking Score (points):</b> <u>0</u>		
<b>Sample ID</b>	<b>Sample Depth (ft)</b>	<b>OVM Reading</b>
1	center @ 6ft.	89.8
2		
3		
4		
5		
6		
7		
8		
9		
10		
<b>Comments:</b>		
No hydrocarbon staining or odor was noticed. Sample was extracted from 6 ft below surface (3 ft below pit bottom).		
Sample from 6-ft was sent to IML for GRO/DRO analysis		
Topography is sagebrush flats Soil is brown sandy loam		