

District I  
 P.O. *Henry E. Faust* Energy  
 District II  
 P.O. **DEPUTY CHIEF & GAS INSPECTOR**  
 District III  
 1000 Rio Brazos Rd. Aztec, NM 87401

(Revised 3/9/94)

# PIT REMEDIATION AND CLOSURE REPORT

RANKING SCORE (TOTAL POINTS): 10 .

Date Remediation Started: 7- 16 - 1996 Date Completed: \_\_\_\_\_

Remediation Method: Excavation \_\_\_\_\_ Approx. cubic yards \_\_\_\_\_  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioreediation \_\_\_\_\_  
Other Natural attenuation \_\_\_\_\_

Remediation Location: Onsite X Offsite \_\_\_\_\_  
(ie. landfarmed onsite, name and location of offsite facility) \_\_\_\_\_

General Description Of Remedial Action: Pit sampled by Conoco on 7-16-9.  
Conoco's sampler encountered bedrock at six inches below bottom of the pit.  
Sample headspace reading using PID = 0.94 ppm, Lab results of sample for TPH using EPA Method 418.1 were Non detect. Contamination is below NMOCD soil action levels for Volatile Organics of 100 ppm and TPH of 1000 ppm. Pit closed by backfilling during P&A and site rehabilitation.

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

**Final Pit:**

Sample location: Samples take at center and NW corner of pit

**Closure Sampling:**

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth Six inches below bottom of the pit at bedrock

Sample date 7-16-1996 Sample time 1535 hours

**Sample Results**

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

Total BTEX (ppm) \_\_\_\_\_

Field headspace (ppm) 0.94

TPH ND

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

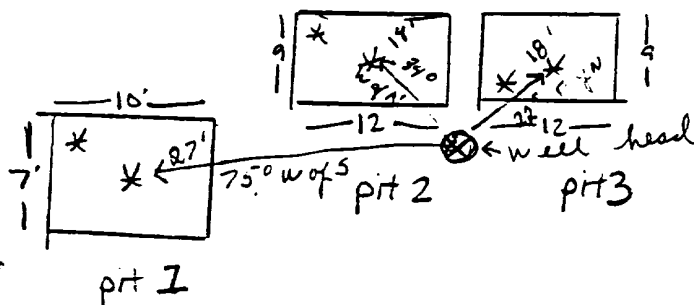
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF  
DATE

SIGNATURE

PRINTED NAME  
AND TITLE

DATE STARTED: 7/16/96 DATE COMPLETED: \_\_\_\_\_

- ① took TPH sample 6'
- pit looks good no strings
- OUM - after factor = .94 ppm



- ② • took TPT sample 6"
  - pit looks good - no string
  - OUM - after filter - .94 ppm
- ③ • took TPT sample 6"
  - pit has strong odor
    - soil has some discolor
  - OUM - after filter - 172.96 ppm

N

\* denotes sample pt.

0 SOIL SAMPLE LOCATION  
 Δ BACKGROUND SAMPLE LOCATION

Pit 1  
2  
3 173TOTAL PETROLEUM HYDROCARBONS  
EPA METHOD 418.1Project: Not Given  
Matrix: Soil  
Condition: Intact/CoolDate Reported: 07/26/96  
Date Sampled: 07/17/96  
Date Received: 07/17/96  
Date Extracted: 07/19/96  
Date Analyzed: 07/19/96

Sample ID	Lab ID	Result mg/kg	Detection Limit mg/kg
28-7 #170 Pit 1	0396G01358	44.4	20.0
28-7 #170 Pit 2	0396G01359	952	39.8
28-7 #122 Pit 1	0396G01360	324	20.0
28-7 #173 Pit 1	0396G01361	146	19.9
→ 28-7 #173 Pit 2	0396G01362	ND	20.0
28-7 #173 Pit 3	0396G01363	ND	20.0
28-7 #196 Pit 1	0396G01364	ND	20.0
28-7 #196 Pit 2	0396G01365	ND	19.7

ND - Analyte not detected at stated detection level.

References: Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst: dkReviewed: GP



NOTES: Pit 2

28-1 #173

7/14/96 335 pm - sampled 6" w/ hand auger - 2pt composite

(→ hit bedrock) clay @ 6"

OVN: 2 ppm (before factor) .94 ppm (after factor) @ 78°