

District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.O. Drawer DD, Artesia, NM 88211  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

OK  
A0123  
SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

Denny S. [Signature]  
DEPUTY OIL & GAS INSPECTOR

SEP 26 1995

NO C-134  
**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Amoco Production Company Telephone: (505) 326-9200  
Address: 200 Amoco Court, Farmington, New Mexico 87401  
Facility Or: TAPT GAS COM #1  
Well Name  
Location: Unit or Qtr/Qtr Sec A Sec 14 T 30N R 13W County SAN JUAN  
Pit Type: Separator    Dehydrator    Other BLOW  
Land Type: BLM   , State   , Fee   , Other COM. AGMT.

Pit Location: Pit dimensions: length 18', width 18', depth 7.5'  
(Attach diagram) Reference: wellhead X, other     
Footage from reference: 123  
Direction from reference: 45 Degrees    East North     
of  
X West South X

Depth To Ground Water:  
(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)

Less than 50 feet (20 points)  
   50 feet to 99 feet (10 points)  
Greater than 100 feet (0 Points) 20

Wellhead Protection Area:  
(Less than 200 feet from a private  
domestic water source, or; less than  
1000 feet from all other water sources)

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OIL CON. DIV.  
DIST. 3

Yes (20 points)  
No (0 points) 0

Distance To Surface Water:  
(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 200 feet (20 points)  
200 feet to 1000 feet (10 points)  
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 20

Date Remediation Started: \_\_\_\_\_ Date Completed: 6-22-95

Remediation Method: Excavation X Approx. cubic yards 0  
 (Check all appropriate sections) Landfarmed NA Insitu Bioremediation \_\_\_\_\_  
 Other \_\_\_\_\_

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

General Description of Remedial Action: \_\_\_\_\_

Excavation - NO CONTAMINATION

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 see Attached Documents

Sample depth 7.5'

Sample date 6-22-95 Sample time \_\_\_\_\_

#### Sample Results

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

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

Field headspace(ppm) 0.6

TPH 26.9 ppm

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 8-8-95

SIGNATURE

B. Shaw

PRINTED NAME  
 AND TITLE

Buddy D. Shaw  
ENVIRONMENTAL COORDINATOR

|                     |                                                                                                                                                                                                       |                                                    |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| CLIENT <u>AMOCO</u> | <b>ENVIROTECH INC.</b><br><small>ENVIRONMENTAL SCIENTISTS &amp; ENGINEERS<br/>         5796 U.S. HIGHWAY 64-3014<br/>         FARMINGTON, NEW MEXICO 87401<br/>         PHONE: (505) 632-0615</small> | LOCATION NO <u>A0123</u><br>C.D.C. NO: <u>4261</u> |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|

## FIELD REPORT: CLOSURE VERIFICATION

 PAGE NO: 1 of 1

|                                    |                         |                                    |                                     |
|------------------------------------|-------------------------|------------------------------------|-------------------------------------|
| LOCATION: NAME <u>TART GAS COM</u> | WELL # <u>1</u>         | PIT <u>BLOW</u>                    | DATE STARTED: <u>6-22-95</u>        |
| QUAD/UNIT <u>NE4NE4 SEC. 14</u>    | TWP. <u>30N R9G 13W</u> | PM <u>NM</u> CNTY: <u>BJ ST NM</u> | DATE FINISHED: <u>6-22-95</u>       |
| GTR/DECTAGE                        |                         | CONTRACTOR <u>ENVIROTECH</u>       | ENVIRONMENTAL SPECIALIST <u>HMB</u> |

EXCAVATION APPROX. 18 FT. x 18 FT. x 7.5 FT. DEEP. CUBIC YARDAGE: \_\_\_\_\_

DISPOSAL FACILITY: NONE REMEDIATION METHOD: N/A

LAND USE: RANGE LEASE: \_\_\_\_\_ FORMATION: Qa

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 123 FT. SW FROM WELLHEAD.

DEPTH TO GROUNDWATER: <50 NEAREST WATER SOURCE: UNK NEAREST SURFACE WATER: UNK

NMCD BANKING SCORE 20 NMCD TPH CLOSURE LTD 100 PPM

### SOIL AND EXCAVATION DESCRIPTION

*Top 5 ft. sandy medium grained  
 (Flood plain - later clayey wash)  
 1' layer of small (<3/16") aggregate in  
 sand matrix*

*Pit excavated to OVM Reading  
 Enclosed in 10000 Bag*

NOTE: Humorous animals and insects in excavation  
 and soil and water at various depths. with  
 FIELD 4181 CALCULATIONS ABUNDANT ROOTS.

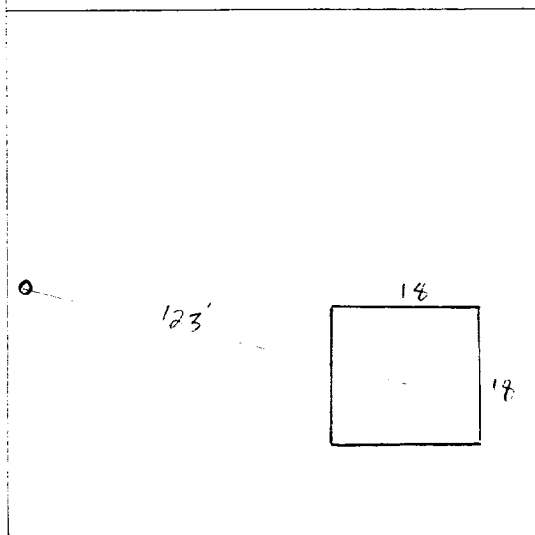
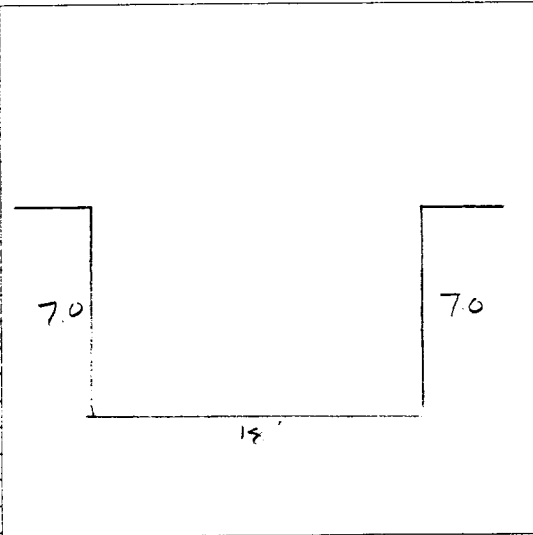
| TIME | SAMPLE ID | LAB No. | WEIGHT (g) | mL FREON | DILUTION | READING | CALC. ppm |
|------|-----------|---------|------------|----------|----------|---------|-----------|
|      |           |         |            |          |          |         |           |
|      |           |         |            |          |          |         |           |
|      |           |         |            |          |          |         |           |

SCALE  
  
 0 FT

### PIT PERIMETER

### OVM RESULTS

### PIT PROFILE

|  | <table border="1" style="width:100%"> <tr> <th>SAMPLE ID</th><th>FIELD HEADSPACE (ft)</th></tr> <tr><td>1 @ 5'</td><td>1.5 ppm</td></tr> <tr><td>2 @ 4.5'</td><td>1.3 ppm</td></tr> <tr><td>3 @ 4'</td><td>1.1 ppm</td></tr> <tr><td>4 @ 3'</td><td>1.3 ppm</td></tr> <tr><td>5 @ 2.5'</td><td>1.6 ppm</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table> | SAMPLE ID | FIELD HEADSPACE (ft) | 1 @ 5' | 1.5 ppm | 2 @ 4.5' | 1.3 ppm | 3 @ 4' | 1.1 ppm | 4 @ 3' | 1.3 ppm | 5 @ 2.5' | 1.6 ppm |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------|--------|---------|----------|---------|--------|---------|--------|---------|----------|---------|--|--|--|--|--|--|--|--|--|--|--------------------------------------------------------------------------------------|
| SAMPLE ID                                                                           | FIELD HEADSPACE (ft)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
| 1 @ 5'                                                                              | 1.5 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
| 2 @ 4.5'                                                                            | 1.3 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
| 3 @ 4'                                                                              | 1.1 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
| 4 @ 3'                                                                              | 1.3 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
| 5 @ 2.5'                                                                            | 1.6 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                      |        |         |          |         |        |         |        |         |          |         |  |  |  |  |  |  |  |  |  |  |                                                                                      |

| LAB SAMPLES |          |       |
|-------------|----------|-------|
| SAMPLE ID   | ANALYSIS | TIME  |
| 5 @ 7.5     | TPH      | 12:35 |
|             |          |       |
|             |          |       |
|             |          |       |
|             |          |       |

TRAVEL NOTES: CALLOUT: \_\_\_\_\_ ONSITE: \_\_\_\_\_

PERM.

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

|                      |                 |                  |          |
|----------------------|-----------------|------------------|----------|
| Client:              | Amoco           | Project #:       | 92140    |
| Sample ID:           | 5 @ 7.5         | Date Reported:   | 06-23-95 |
| Laboratory Number:   | 8612            | Date Sampled:    | 06-22-95 |
| Chain of Custody No: | 4261            | Date Received:   | 06-22-95 |
| Sample Matrix:       | Soil            | Date Extracted:  | 06-22-95 |
| Preservative:        | Cool            | Date Analyzed:   | 06-22-95 |
| Condition:           | Cool and Intact | Analysis Needed: | TPH      |

| Parameter                       | Concentration<br>(mg/kg) | Det.<br>Limit<br>(mg/kg) |
|---------------------------------|--------------------------|--------------------------|
| -----                           | -----                    | -----                    |
| Total Petroleum<br>Hydrocarbons | 26.9                     | 10.0                     |

ND = Parameter not detected at the stated detection limit.

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978.

Comments: Taft Gas Com. #1, A0123.

  
Analyst

  
Review