

District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.O. Drawer 00, Artesia, NM 88211  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

*Denny S. Faust*  
DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

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

OCT 01 1997

(Revised 3/9/94)

## PIT REMEDIATION AND CLOSURE REPORT

Operator: Geneco, Inc. Telephone: 915-686-5453

Address: 10 Destra Drive, Suite 100W, Midland, TX 79705-4500

Facility Or: 28-7 # 167 Pit #3

Well Name

Location: Unit or Qtr/Qtr K Sec 5 T27N R7W County San Juan

Pit Type: Separator X Dehydrator      Other     

Land Type: BLM X State      Fee      Other     

RECEIVED  
JUL 31 1997

OIL CON. DIV.  
DIST. 3

Pit Location: Pit dimensions: length 10', width 10', depth 3'  
(Attach diagram)

Reference: wellhead X other     

Footage from reference: 37'

Direction from reference: 15 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)  |
| <u>0</u>              |             |

### Wellhead Protection Area:

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

|          |             |
|----------|-------------|
| Yes      | (20 points) |
| No       | (0 points)  |
| <u>0</u> |             |

### 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)  |
| <u>0</u>               |             |

RANKING SCORE (TOTAL POINTS): 0

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 7-16-96.  
Conoco's sampler encountered bedrock at six inches below bottom of the pit.  
Sample headspace reading using PID = 7.99 ppm, Lab results of sample for TPH  
using EPA Method 418.1 were 82.1 ppm. Contamination is below NMOCD soil  
action levels for Volatile Organics of 100 ppm and TPH of 5000 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 SE 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 1400 hours

Sample Results

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

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

Field headspace (ppm) 7.99

TPH 82.1

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

*Carl J. Gay*

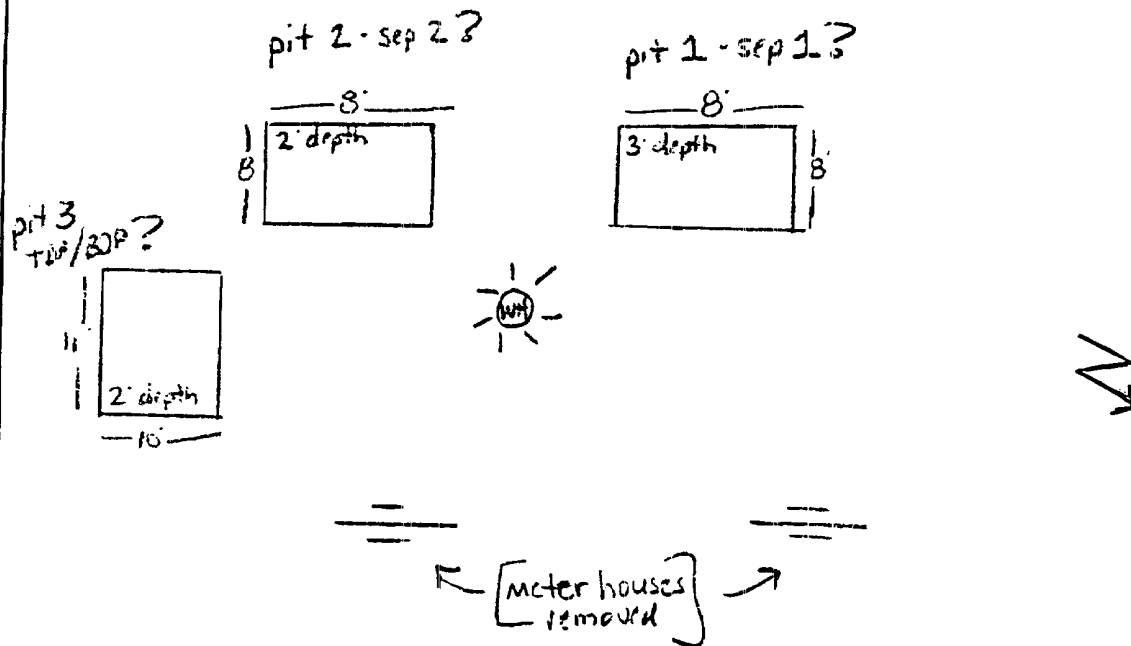
PRINTED NAME  
AND TITLE

*Carl J. Gay*  
*FIELD SHER SPEC.*

CONOCO

## PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: 28-7 #167 S 5 T 27 R 7 UNIT K  
 DATE STARTED: 7/16/96 DATE COMPLETED: \_\_\_\_\_



- ① • fluid standing (black, oily)
  - soil severely stained along wells
  - sampled 1 1/2' w/ hand auger. TPH
  - OVM:
- ② • fluid standing (rusty liquid)
  - soil severely stained along wells
  - sampled TPH @ 1 1/2'
  - OVM: 273.07 ppm - after factor
- ③ • sampled TPH w/ hand auger - 6"
  - surface down - very hard entire
  - OVM: 7.99 ppm - after factor

○ SOIL SAMPLE LOCATION  
 ▲ BACKGROUND SAMPLE LOCATION

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

Analyst: dk

Reviewed: SB

## CARBONS

67 pit 1

Client: Conoco, Inc.  
Project: Not Given  
Matrix: Soil  
Condition: Intact/Cool

Date 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<br>mg/kg | Detection<br>Limit<br>mg/kg |
|-------------------|------------|-----------------|-----------------------------|
| 28-7 #72 A - LF   | 0396G01350 | 822             | 20.0                        |
| 28-7 #72 - LF     | 0396G01351 | 94.9            | 19.9                        |
| 28-7 #167 Pit 1   | 0396G01352 | 20,700          | 1002                        |
| 28-7 #167 Pit 2   | 0396G01353 | 29,700          | 1002                        |
| → 28-7 #167 Pit 3 | 0396G01354 | 82.1            | 19.9                        |
| 28-7 #202 Pit 2   | 0396G01355 | 44.3            | 20.0                        |
| 28-7 #202 Pit 1   | 0396G01356 | 478             | 20.0                        |
| 28-7 #67 Pit 1    | 0396G01357 | 9,190           | 996                         |

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: drReviewed: SB

NOTES: ? TOP/BPP Pit 3

SJ #167

) 7/14/96 Sampled 6" w/ hand auger. 2pt

- surface is hard caliche - had to break surface

↳ hit rock @ 6"

- OUM = 17 ppm before factor

7.99 ppm Adjusted

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