

## SAN JUAN BASIN

CONOCO

## PIT CLOSURE DOCUMENTATION

LOCATION:

DUSTIN IE (DK)

RCRA EXEMPT  
WASTES:Yes ☒ No ☐

T TYPE:

DHP

J-6-29W-12W

DATE FLOW TO PIT STOPPED: Spring 1992 - SET FL PIT

ACREAGE

TYPE:

☒ FEDERAL☐ JICARILLA☐ NAVAHO☐ STATE☐ FEE

## SITE ASSESSMENT

1) Groundwater Depth: ESTIMATE &gt;100'

Ranking Score

Basis: LOCATION SITS ON MESA ABOVE RIVER

0

2) Wellhead Protection Area:

Distance To

Water Sources: &gt;1000' Private Domestic Water Sources: &gt;200'

Basis: NO SOURCE OF FRESH WATER EXTRACTION CHASE

0

3) Distance To Surface Body of Water:

&gt;1000'

Basis: RIVER APPEARS TO BE DOWNGRADIENT  $\pm$  1000' FROM LOC.

0

Total Score:

0

Soil Characteristic

☐ Highly Contaminated/Saturated☒ Unsaturated Contaminated

## RANKING CRITERIA

| Depth to Groundwater | Wellhead Protection Area                                                    | Distance to Surface Water Body |
|----------------------|-----------------------------------------------------------------------------|--------------------------------|
|                      | <1000' from water source<br>or < 200' from private<br>domestic water source |                                |
| Score                | Score                                                                       | Rank                           |
| <50 ft 20            | yes 20                                                                      | <200' horiz 20                 |
| <50 - 99 10          | no 0                                                                        | 200 - 1000' horiz 10           |
| >100 ft 0            |                                                                             | >1000' horiz. 0                |

## GUIDELINE REMEDIATION LEVELS

| Total Ranking Score |     |       |       |
|---------------------|-----|-------|-------|
|                     | >19 | 10-19 | 0-9   |
| Benzene (ppm)       | 10  | 10    | 10    |
| BTEX (ppm)          | 50  | 50    | 50    |
| Field Headspace     |     |       |       |
| Method for BTEX     | 100 | 100   | 100   |
| TPH (ppm) **        | 100 | 1,000 | 5,000 |

\*\* Concentration above background

## DEFINITION OF CONTAMINATION

Depth Excavated: 12'

Date: 9/27/94

Full Excavation: ☐ Maximum Extent Practicable

Benchmark @ 12'

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLE RESULTS NOTES" FORM

Groundwater Encountered:

Yes ☐No ☒

If yes, approximate depth:

Groundwater Sampling? ☐ Yes☐ No

Where was gw sample taken?

Attach GW Sample Results

NOTES:

DENNIS E. FOST  
DEPUTY OIL & GAS INSPECTOR

JUN 11 8 1996

RECEIVED  
MAR 18 1996OIL COLLECTION  
LOGS

**REMEDATION PROFILE**Soil Treated Onsite ☐Date Remediation Started: 9-27-94☐ In Situ Bio☐ w/vapor venting☒ Landfarmed☐ Composted

|                  | Date: <u>9-28-94</u>  |             | Date: _____ |             |
|------------------|-----------------------|-------------|-------------|-------------|
|                  | Description           | Amount/Rate | Description | Amount/Rate |
| Tilled           | LANDFARMED W/ BACKHOE |             |             |             |
| Nutrients        | 32-0-0                | 80 #        |             |             |
| Moisture         | (TILLED 10-3-94)      |             |             |             |
| Bulking Agent    |                       |             |             |             |
| Organic Material |                       |             |             |             |

|                  | Date: _____ |             | Date: _____ |             |
|------------------|-------------|-------------|-------------|-------------|
|                  | Description | Amount/Rate | Description | Amount/Rate |
| Tilled           |             |             |             |             |
| Nutrients        |             |             |             |             |
| Moisture         |             |             |             |             |
| Bulking Agent    |             |             |             |             |
| Organic Material |             |             |             |             |

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLING RESULTS NOTES" FORM

**SOIL TREATED/HANDLED OFFSITE****TO SITE(ATTACH MANIFEST)**

Where Treated: \_\_\_\_\_

Type of Land (Fed/Nav/Jic/State/Fee): \_\_\_\_\_

Quantity Moved: \_\_\_\_\_

Quantity Disposed At Envirotech: \_\_\_\_\_

**FROM SITE (ATTACH MANIFEST)**

To This Location From: \_\_\_\_\_

Type of Land (Fed/Nav/Jic/State/Fee): \_\_\_\_\_

Quantity Moved: \_\_\_\_\_

**FINAL CLOSURE**BTEX: 126 ppm (From Headspace Analysis)TPH: 1460 ppm (From Lab Results)

Revegetated:

yes ☐no ☒

Active Well or Facility Pad:

yes ☒no ☐NOTES: 6-22-93 - RAW SAMPLE PROBE FOR 9 PT. COMPOSITE SAMPLE TO 3' (5' F.S.),ENCOUNTERED ROCK, PULLED SAMPLE FOR TPH. NEED TO SET F.G. TANK FOR DISCHARGE.9-28-94 - EXCAVATED PIT TO DEPTH OF 12' X 37' X 24' - HIT BEDROCK  
@ 12'. LANDFARMED SOIL ON LOCATION. BACKFILLED PIT  
TO 6' DEPTH W/ CLEAN SOIL. SET DEHY DRIP TANK IN PIT AREA7-7-95 - SAMPLED LANDFARM, DUA: TPIT LEVELS BELOW  
REQUIREMENT. CLOSED PIT.

# PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT

DUSTON 1E (8K)

TYPE OF PIT:

DHP

| DESCRIPTION OF SAMPLE               | SAMPLE<br>EVENT #                                  | SAMPLE<br>EVENT # 2 | SAMPLE<br>EVENT # 3                                           | SAMPLE<br>EVENT # 4           | SAMPLE<br>EVENT # | SAMPLE<br>EVENT # | SAMPLE<br>EVENT # |
|-------------------------------------|----------------------------------------------------|---------------------|---------------------------------------------------------------|-------------------------------|-------------------|-------------------|-------------------|
| DATE OF SAMPLE                      | 6-22-93                                            | 8/30/94             | 9/27/94                                                       | 7-7-95                        |                   |                   |                   |
| LOCATION OF SAMPLE                  | DHP                                                | DHP                 | DHP                                                           | LANDFILL                      |                   |                   |                   |
| TYPE OF SAMPLE:<br>(GRAB/COMPOSITE) | 9 PT.<br>COMPOSITE                                 | Comp 9PT            | Comp 12' Deep                                                 | 10 PT<br>COMPOSITE            |                   |                   |                   |
| DEPTH OF SAMPLE(S)                  | 3'                                                 | 4'                  | 12'                                                           | -                             |                   |                   |                   |
| TEMPERATURE OF SAMPLE               | 72°                                                | 74°F                | 73°F                                                          | 75°                           |                   |                   |                   |
| FIELD METHOD RESULTS (PPMS)         |                                                    |                     |                                                               |                               |                   |                   |                   |
| TPH VAPORS (EQUIV UNITS)            | 283                                                | 459ppm              | 269ppm                                                        | 3.4                           |                   |                   |                   |
| BENZENE RESPONSE FACTOR             | .47                                                | .47                 | .47                                                           | .47                           |                   |                   |                   |
| ADJUSTED FOR BENZENE<br>EQUIV UNITS | 133                                                | 216                 | 126                                                           | 2                             |                   |                   |                   |
| LAB RESULTS IN PPM:                 |                                                    |                     |                                                               |                               |                   |                   |                   |
| METHOD (418.1 OR MOD 8015)          | 418.1                                              |                     | 418.1                                                         | 418.1                         |                   |                   |                   |
| TPH                                 | 4330                                               |                     | 1460                                                          | ND                            |                   |                   |                   |
| NOTES                               | RAW PROBE<br>3' ENCOUNTERED<br>ROCK, PULLED<br>TPH |                     | LANDFILL<br>SOIL<br>ON LOCATION<br>depth of<br>cutting<br>12' | Composite<br>For TPH<br>ANAL. |                   |                   |                   |

**TOTAL PETROLEUM HYDROCARBONS  
EPA METHOD 418.1**

**Conoco Inc.**

Project: Soil TPH  
Matrix: Soil  
Condition: Intact/Cool

Date Reported: 07/20/95  
Date Sampled: 07/07/95  
Date Received: 07/07/95  
Date Extracted: 07/19/95  
Date Analyzed: 07/20/95

| Sample ID       | Lab ID | Result<br>(mg/kg) | Detection<br>Limit |
|-----------------|--------|-------------------|--------------------|
| #1 Dustin 1E LF | G01048 | ND                | 20                 |

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: Anna Schauer

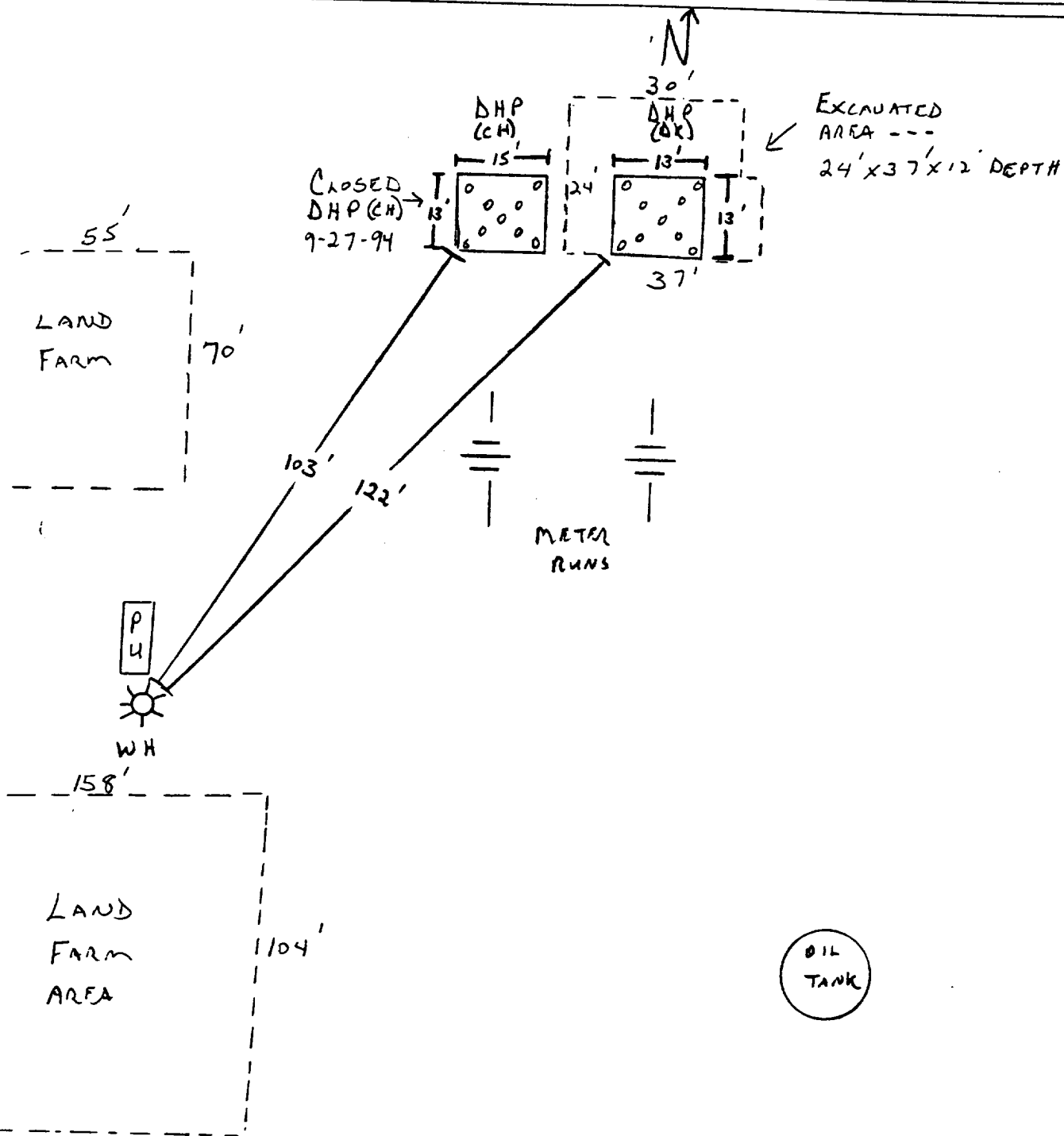
Reviewed: MK

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: DUSTIN IE CH & DK S 6 T 29 N R 12 W UNIT 1

DATE STARTED: 6-22-93

DATE COMPLETED: \_\_\_\_\_



o SOIL SAMPLE LOCATION

Δ BACKGROUND SAMPLE LOCATION