

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

OK  
Submit 1 copy to  
appropriate  
District Office  
and 1 copy to  
the Santa Fe Office

Revised June 10, 2003

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: ConocoPhillips Company Telephone: (505) 599-3400

Address: 5525 Hwy. 64 Farmington, NM 87401

Facility Or: Lucerne B #1E API # : 30-045-24415  
Well Name

Location: Unit or Qtr/Qtr Sec M Sec 17 T 28N R 11W County San Juan

Pit Type: Separator          Dehydrator          Other          Production Pit         

Land Type: BLM X, State         , Fee          Other         

Pit Location: Pit dimensions: length 15', width 15', depth 3'  
(Attach diagram)

Reference: wellhead X, other         

Footage from reference: 142'

Direction from reference: 45 Degrees X East North X  
of  
         West South         

|                                                                                                                                                     |                        |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| Depth To Ground Water<br>(Vertical distance from<br>contaminants to seasonal<br>high water elevation of<br>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:<br>(Less than 200 feet from a private<br>domestic water source, or; less than<br>1000 feet from all other water sources.) | Yes                    | (20 points)          |
|                                                                                                                                                     | No                     | ( 0 points) <u>0</u> |
| Distance To Surface Water:<br>(Horizontal distance to perennial<br>lakes, ponds, rivers, streams, creeks,<br>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):                                                                                                                       |                        | <u>0 pts.</u>        |

Date Remediation Started: 11/6/03 Date completed: \_\_\_\_\_

Remediation Method: Excavation N/A Approx. cubic yards \_\_\_\_\_  
(Check all appropriate sections.) Landfarmed N/A Insitu Bioremediation \_\_\_\_\_  
Other \_\_\_\_\_

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

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

A soil sample was extracted at 6-ft below ground level (3-ft. below pit bottom). The sample was analyzed for  
GRO/DRO analysis. All analyses were within BLM and NMOCD requirements.

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 of pit, 6-ft below surface level (3-ft. below pit bottom)

Sample depth 3-ft. below pit bottom

Sample Date 3/8/04 Sample time 8:31

Sample Results

Benzene(ppm) N/A

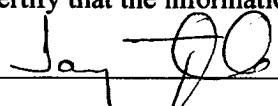
Total BTEX(ppm) N/A

Field headspace(ppm) 11.0

TPH Non detect

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.

Signature  Date 3/15/04

Printed Name Larry Trujillo Title Environmental Specialist

E-mail Address fmcd\_best@hotmail.com

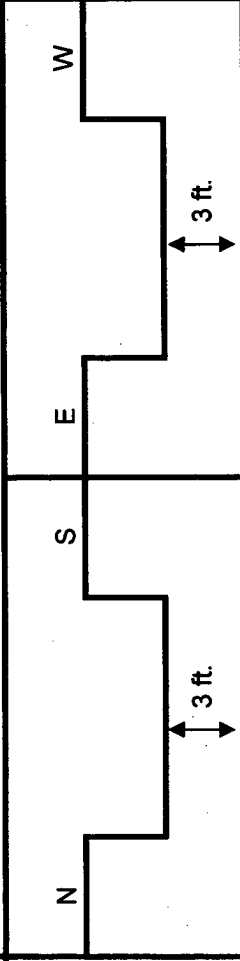
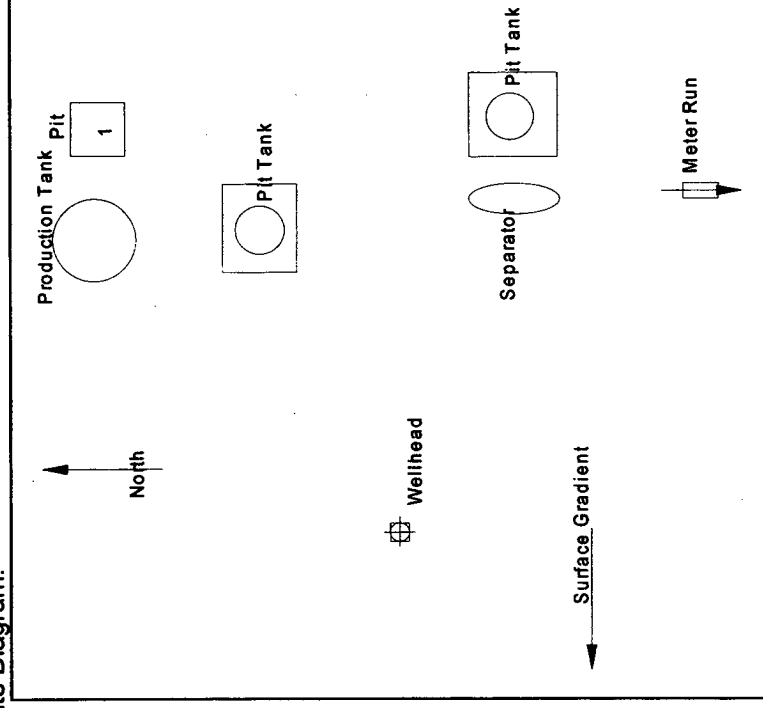
|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| <b>Location:</b> Lucerne B # 1 E |                                                  |
| <b>Footages:</b>                 | 830'FSL & 850' FWL                               |
| <b>Unit Letter:</b>              | M      Sec. 17      Twn. 28N Rng 11W             |
| <b>Latitude:</b>                 | 36degrees 39.4'      Longitude: 108 degrees 2.0' |
| <b>Lease Num.</b>                | FedNM010063      Land Type: BLM                  |
| <b>Pit Type:</b>                 | Production Pit                                   |
| <b>Pit Reference</b>             |                                                  |
| <b>Reference:</b>                | Wellhead      Footage: 142-ft                    |
| <b>Direction:</b>                | N or S      45      Degrees      E or W          |
| <b>Initial size:</b>             | 15' X 15' X 3' deep                              |
| <b>Final Size:</b>               | 15' x 15' x 3' deep                              |
| <b>Total Cubic Yards:</b>        | 0                                                |
| <b>Distances from (ft):</b>      |                                                  |
| Groundwater:                     | >100 feet                                        |
| Wellhead Protection Area:        | No                                               |
| Nearest Surface Water:           | >1000 feet                                       |
| Distance to ephemeral stream:    | N/A                                              |
| (Navajo/Jicarilla only)          |                                                  |
| <b>Ranking Score (points):</b>   |                                                  |

[illegible]

**Not to Scale**

Comments:

**Site Diagram:**



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

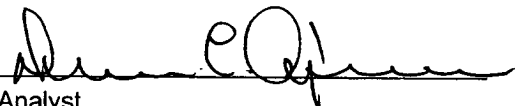
|                      |                 |                     |               |
|----------------------|-----------------|---------------------|---------------|
| Client:              | ConocoPhillips  | Project #:          | 96052-026-089 |
| Sample ID:           | Prod. Pit       | Date Reported:      | 03-09-04      |
| Laboratory Number:   | 28045           | Date Sampled:       | 03-08-04      |
| Chain of Custody No: | 11764           | Date Received:      | 03-08-04      |
| Sample Matrix:       | Soil            | Date Extracted:     | 03-08-04      |
| Preservative:        | Cool            | Date Analyzed:      | 03-09-04      |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH      |

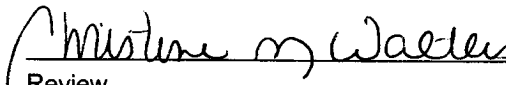
| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | ND                       | 0.2                      |
| Diesel Range (C10 - C28)     | ND                       | 0.1                      |
| Total Petroleum Hydrocarbons | ND                       | 0.2                      |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Lucern B 1 E.**

  
Analyst

  
Review

11764

[illegible]