

OK

|                                           |                                                   |                  |
|-------------------------------------------|---------------------------------------------------|------------------|
| District I _____                          | State Of New Mexico                               | SUBMIT 1 COPY TO |
| P.O. Box 1980, Hobbs, NM                  | Energy, Minerals and Natural Resources Department | APPROPRIATE      |
| District II _____                         | <b>RECEIVED</b>                                   | DISTRICT OFFICE  |
| P.O. Drawer, Artesia, NM 88211            | OIL CONSERVATION DIVISION                         | AND 1 COPY TO    |
| District III _____                        | P.O. Box 2088                                     | SANTA FE OFFICE  |
| 1000 Rio Brazos Rd. Aztec, NM 87410       | Santa Fe, New Mexico 87504-2088                   | (Revised 3/9/94) |
| <b>OIL CON. DIV.</b><br><b>DIST. 3</b>    |                                                   |                  |
| <b>PIT REMEDIATION AND CLOSURE REPORT</b> |                                                   |                  |

|                                                            |                           |                                                                        |                                  |
|------------------------------------------------------------|---------------------------|------------------------------------------------------------------------|----------------------------------|
| Operator: <u>Conoco Inc.</u>                               |                           | Telephone: <u>505-324-5813</u>                                         |                                  |
| Address: <u>3315 Bloomfield Hwy - Farmington, NM 87401</u> |                           |                                                                        |                                  |
| Facility Or: <u>Cooper #1</u>                              |                           |                                                                        |                                  |
| Well Name _____                                            |                           |                                                                        |                                  |
| Location:                                                  | Unit or Qtr/Qtr Sec       | <u>N</u> Sec <u>7</u> T <u>29N</u> R <u>11W</u> County <u>San Juan</u> |                                  |
| Pit Type:                                                  | Separator <u>X</u>        | Dehydrator _____                                                       | Other _____                      |
| Land Type:                                                 | BLM <u>X</u> State _____  | Fee _____                                                              | Other _____                      |
| Pit Location:<br>(Attach diagram)                          | Pit dimension:            | length <u>18'</u>                                                      | width <u>15'</u> depth <u>3'</u> |
|                                                            | Reference:                | wellhead <u>X</u>                                                      | other _____                      |
|                                                            | Footage from reference:   | <u>63'</u>                                                             |                                  |
|                                                            | Direction from reference: | <u>280</u> Degrees _____                                               | East of <u>X</u> North           |
|                                                            |                           | <u>X</u> 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 9 feet      | (10 points) |             |
|                                                                                                                                                    | Greater than 100 feet  | ( 0 points) |             |
|                                                                                                                                                    | Total                  |             | <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) |             |
|                                                                                                                                                    | Total                  |             | <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) | (20 points) |
|                                                                                                                                                    | 200 feet to 1000 feet  | (10 points) | (10 points) |
|                                                                                                                                                    | Greater than 1000 feet | ( 0 points) | ( 0 points) |
|                                                                                                                                                    | Total                  |             | <u>0</u>    |
| RANKING SCORE (TOTAL POINTS):                                                                                                                      |                        |             | <u>0</u>    |

Date Remediation Started: \_\_\_\_\_ Date Completed: \_\_\_\_\_

Remediation Method: Excavation: \_\_\_\_\_ Approx. cubic yards \_\_\_\_\_

(Check all appropriate sections)

Landfarm \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location: Onsite \_\_\_\_\_ Offsite \_\_\_\_\_

(ie. landfarmed onsite,

name and location of

offsite facility)

General Description Of Remedial Action: \_\_\_\_\_

One sample was taken at 3' below bottom of pit center. No PID reading was conducted on location. Sample

was transported to laboratory for TPH analysis per EPA Method 8015 and for BTEX analysis per EPA Method 8020A

OVM sample = 6 ppm

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

Final Pit: Sample location Center of pit below bottom of pit

Closure Sampling: \_\_\_\_\_

(if multiple samples Sample depth 3'

attach sample results

and diagram of sample Sample date 2/5/99 Sample time 1220

locations and depths)

Sample Results

Benzene (ppm) n/a

Total BTEX (ppm) n/a

Field headspace (ppm) 6

TPH ND

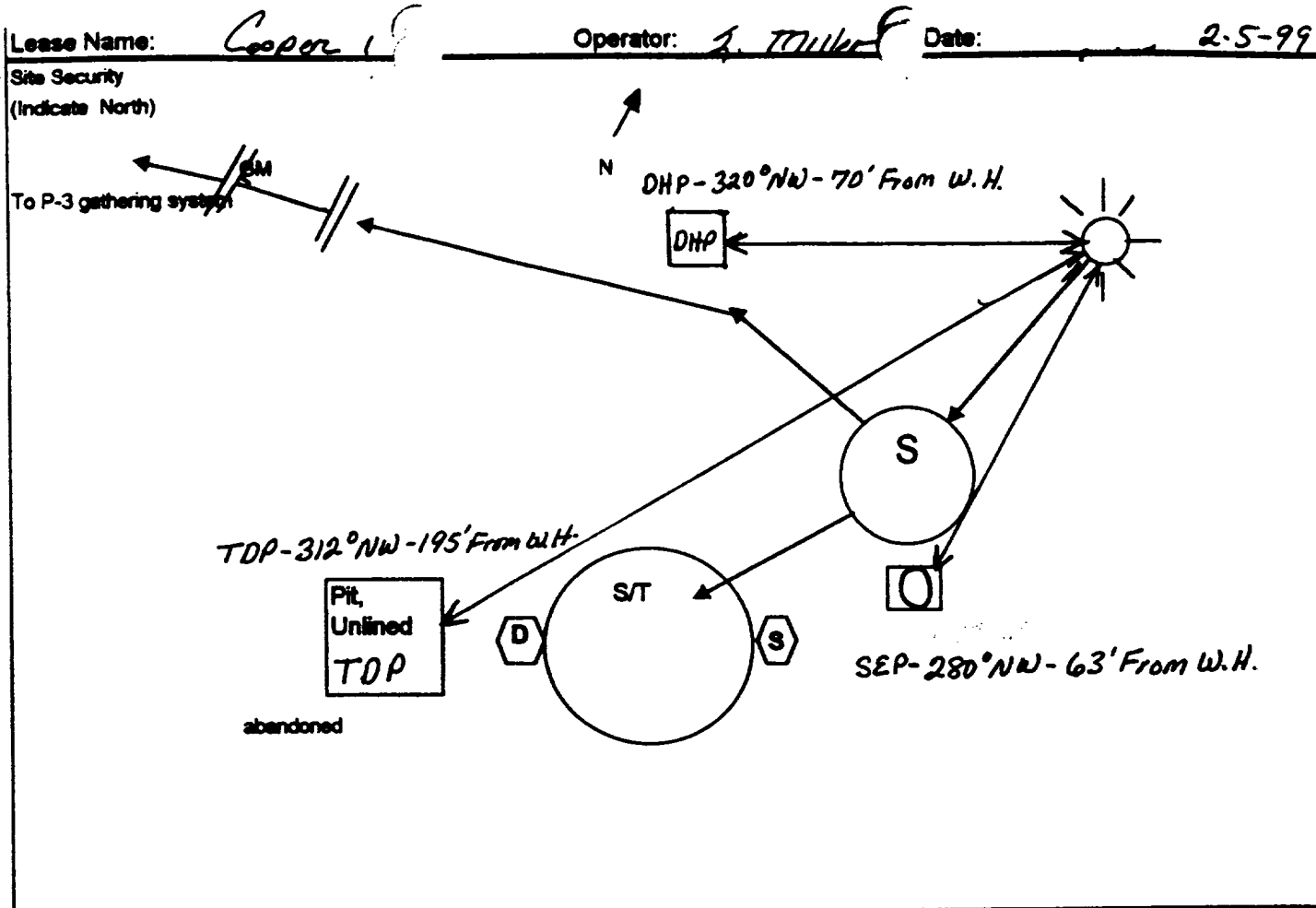
Ground Water Sample: Yes \_\_\_\_\_ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST

OF MY KNOWLEDGE AND BELIEF

DATE 6-28-99 PRINTED NAME \_\_\_\_\_

SIGNATURE [Signature] AND TITLE P.L.



Lease Name: Cooper 1

Federal/ Indian Lease No: SP 077317

CA No.: \_\_\_\_\_

Unit : N

Legal Description: Sec: 7 T: 29N R: 11W

County: San Juan, NM

Load line valves :  
Sealed during Production

Drain line valves :  
Sealed during Production

Production Line valve:  
Sealed during sales

This lease is subject to the site security plan for San Juan Basin Operations. The plan is located at:  
Conoco Inc.  
3315 Bloomfield Hwy  
Farmington, NM

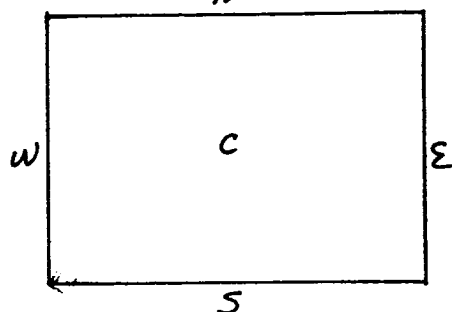


COOPER #1  
D.H.P.

320° NW

70' From W.H.  
15' X 15' X 1.0

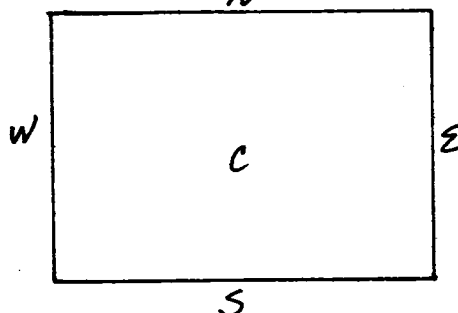
|        | Time | PPM |
|--------|------|-----|
| Center | 1245 | 4   |
| North  | 1250 | 4   |
| East   | 1254 | 4   |
| West   | 1258 | 4   |
| South  | 1302 | 4   |



COOPER #1 SEP. PIT 280° NW. 63' From Well Head.

18' X 15' X 3'

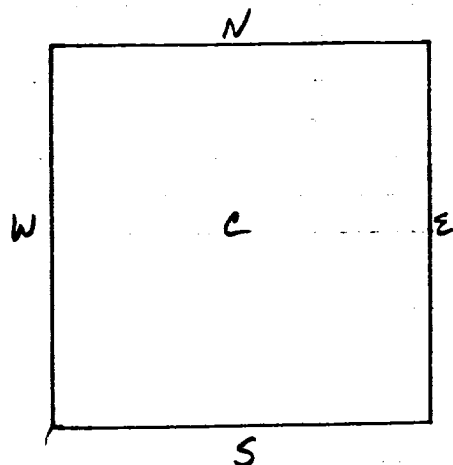
|        | Time | PPM |
|--------|------|-----|
| Center | 1220 | 6   |
| North  | 1225 | 5   |
| East   | 1228 | 6   |
| West   | 1233 | 7   |
| South  | 1239 | 5   |



COOPER #1 TOP. 312 ~~200~~° NW 195' From Well Head

15' X 15' X 3'

|        | Time | PPM |
|--------|------|-----|
| Center | 1153 | 658 |
| North  | 1204 | 29  |
| East   | 1209 | 9   |
| West   | 1212 | 13  |
| South  | 1215 | 9   |





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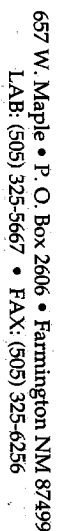
657 W. Maple • P. O. Box 2606 • Farmington NM 87499  
LAB: (505) 325-5667 • FAX: (505) 325-6256

| Purchase Order No.:                       |  | Job No.          |  | Name                 |  | Title               |  |
|-------------------------------------------|--|------------------|--|----------------------|--|---------------------|--|
| Name                                      |  | Company          |  | Mailing Address      |  | City, State, Zip    |  |
| Address                                   |  | City, State, Zip |  | Telephone No.        |  | Telefax No.         |  |
| SHirley Ebert                             |  | Convoco Inc.     |  | 3315 Bloomfield Hwy  |  | Farmington NM 87401 |  |
| SEND INVOICE TO                           |  | Dept.            |  | City, State, Zip     |  | Telephone No.       |  |
| Sampling Location:                        |  | Cooper-1         |  | SEP                  |  | ANALYSIS REQUESTED  |  |
| Sampler:                                  |  | Tudson Valdre    |  | Number of Containers |  | LAB ID              |  |
| SAMPLE IDENTIFICATION                     |  | SAMPLE DATE      |  | TIME                 |  | MATRIX              |  |
| PRES.                                     |  | DATE             |  | TIME                 |  | MATRIX              |  |
| Center of Pit                             |  | 2-5-79           |  | 1220                 |  | SOLK NAME           |  |
| North Wall                                |  | 2-5-79           |  | 1225                 |  | SOLK NAME           |  |
| East Wall                                 |  | 2-5-79           |  | 1228                 |  | SOLK NAME           |  |
| West Wall                                 |  | 2-5-79           |  | 1233                 |  | SOLK NAME           |  |
| South Wall                                |  | 2-5-79           |  | 1239                 |  | SOLK NAME           |  |
| 4 PT Composite                            |  | 2-5-79           |  | 1315                 |  | SOLK NAME           |  |
| Relinquished by:                          |  | Date/Time        |  | 2-5-99               |  | 1401                |  |
| Relinquished by:                          |  | Date/Time        |  | 2-5-99               |  | 1401                |  |
| Relinquished by:                          |  | Date/Time        |  | 2-5-99               |  | 1401                |  |
| Method of Shipment:                       |  | Date/Time        |  | 2-5-99               |  | 1401                |  |
| Authorized by:                            |  | Date             |  | 2-5-99               |  | 1401                |  |
| (Client Signature Must Accompany Request) |  | Date             |  | 2-5-99               |  | 1401                |  |

| Distribution: | White -- On Site | Yellow -- LAB | Pink -- Sampler | Goldenrod -- Client |
|---------------|------------------|---------------|-----------------|---------------------|
|---------------|------------------|---------------|-----------------|---------------------|



67-10



Date: 2-5-99

Page 1 of 1

| Purchase Order No.:   |  | Job No.             |  |
|-----------------------|--|---------------------|--|
| Name                  |  | Shirley Ebert       |  |
| Company               |  | Conoco Tank         |  |
| Address               |  | 3315 Bloomfield Hwy |  |
| City, State, Zip      |  | Farmington NM 87401 |  |
| SEND INVOICE TO       |  |                     |  |
| Sampling Location:    |  | Cooper 1            |  |
| SSEP                  |  |                     |  |
| Sampler:              |  | Taddeo Valdez       |  |
| SAMPLE IDENTIFICATION |  |                     |  |
| DATE                  |  | TIME                |  |
| MAY 12 1979           |  | 12:25               |  |
| MAY 12 1979           |  | 12:28               |  |
| MAY 12 1979           |  | 12:33               |  |
| MAY 12 1979           |  | 12:37               |  |
| MAY 12 1979           |  | 12:41               |  |
| MAY 12 1979           |  | 12:45               |  |
| MAY 12 1979           |  | 12:49               |  |
| MAY 12 1979           |  | 12:53               |  |
| MAY 12 1979           |  | 12:57               |  |
| MAY 12 1979           |  | 1:01                |  |
| MAY 12 1979           |  | 1:05                |  |
| MAY 12 1979           |  | 1:09                |  |
| MAY 12 1979           |  | 1:13                |  |
| MAY 12 1979           |  | 1:17                |  |
| MAY 12 1979           |  | 1:21                |  |
| MAY 12 1979           |  | 1:25                |  |
| MAY 12 1979           |  | 1:29                |  |
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| MAY 12 1979           |  |                     |  |

OFF: (505) 325-5667



LAB: (505) 325-1556

February 25, 1999

Shirley Ebert  
Conoco, Inc.  
3315 Bloomfield Hwy  
Farmington, NM 87401  
TEL: (505) 324-5813  
FAX (505) 324-5825

RE: Cooper 1 SEP

Order No.: 9902036

Dear Shirley Ebert,

On Site Technologies, LTD. received 2 samples on 2/5/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

Diesel Range Organics (SW8015)  
Gasoline Range Organics (SW8015)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "David Cox", is written over a horizontal line.

David Cox



OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 25-Feb-99

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**CLIENT:** Conoco, Inc.  
**Project:** Cooper 1 SEP  
**Lab Order:** 9902036

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**CASE NARRATIVE**

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 25-Feb-99

|                    |              |                            |                    |
|--------------------|--------------|----------------------------|--------------------|
| <b>Client:</b>     | Conoco, Inc. | <b>Client Sample Info:</b> | Cooper 1 SEP       |
| <b>Work Order:</b> | 9902036      | <b>Client Sample ID:</b>   | Center of Pit      |
| <b>Lab ID:</b>     | 9902036-01A  | <b>Matrix:</b>             | SOIL               |
| <b>Project:</b>    | Cooper 1 SEP | <b>Collection Date:</b>    | 2/5/99 12:20:00 PM |
|                    |              | <b>COC Record:</b>         | 5670               |

| Parameter                      | Result | PQL           | Qual | Units | DF | Date Analyzed |
|--------------------------------|--------|---------------|------|-------|----|---------------|
| <b>DIESEL RANGE ORGANICS</b>   |        | <b>SW8015</b> |      |       |    | Analyst: DC   |
| T/R Hydrocarbons: C10-C28      | ND     | 25            |      | mg/Kg | 1  | 2/24/99       |
| <b>GASOLINE RANGE ORGANICS</b> |        | <b>SW8015</b> |      |       |    | Analyst: HR   |
| T/R Hydrocarbons: C6-C10       | ND     | 0.18          |      | mg/Kg | 1  | 2/12/99       |

|                    |                                                         |                                                     |
|--------------------|---------------------------------------------------------|-----------------------------------------------------|
| <b>Qualifiers:</b> | PQL - Practical Quantitation Limit                      | S - Spike Recovery outside accepted recovery limits |
|                    | ND - Not Detected at Practical Quantitation Limit       | R - RPD outside accepted recovery limits            |
|                    | J - Analyte detected below Practical Quantitation Limit | E - Value above quantitation range                  |
|                    | B - Analyte detected in the associated Method Blank     | Surr: - Surrogate                                   |

P.O. BOX 2606 • FARMINGTON, NM 87499

TEL: (505) 325-5667 FAX: (505) 325-1556 E-MAIL: info@onsite-tech.com

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 25-Feb-99

|                    |              |                            |                   |
|--------------------|--------------|----------------------------|-------------------|
| <b>Client:</b>     | Conoco, Inc. | <b>Client Sample Info:</b> | Cooper 1 SEP      |
| <b>Work Order:</b> | 9902036      | <b>Client Sample ID:</b>   | 4pt. Composite    |
| <b>Lab ID:</b>     | 9902036-02A  | <b>Matrix:</b>             | SOIL              |
| <b>Project:</b>    | Cooper 1 SEP | <b>Collection Date:</b>    | 2/5/99 1:15:00 PM |
|                    |              | <b>COC Record:</b>         | 5670              |

| Parameter                      | Result | PQL           | Qual | Units | DF | Date Analyzed      |
|--------------------------------|--------|---------------|------|-------|----|--------------------|
| <b>DIESEL RANGE ORGANICS</b>   |        | <b>SW8015</b> |      |       |    | Analyst: <b>DC</b> |
| T/R Hydrocarbons: C10-C28      | ND     | 25            |      | mg/Kg | 1  | 2/24/99            |
| <b>GASOLINE RANGE ORGANICS</b> |        | <b>SW8015</b> |      |       |    | Analyst: <b>HR</b> |
| T/R Hydrocarbons: C6-C10       | ND     | 0.18          |      | mg/Kg | 1  | 2/12/99            |

**Qualifiers:**

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

Environmental Sciences, Inc. • A Division of Environmental Sciences, Inc.