

JICARILLA APACHE TRIBE  
ENVIRONMENTAL PROTECTION OFFICE  
P.O. BOX 507  
DULCE, NEW MEXICO 87528

CA366  
Denny [Signature]  
DEPUTY OIL & GAS INSPECTOR  
SUBMIT 1 COPY TO  
NATURAL RESOURCE DEPT  
AND OIL & GAS ADMINISTRATION

AUG 23 1996

PIT REMEDIATION AND CLOSURE REPORT

Operator: CONOCO, INC. Telephone: (505) 324-5884  
Address: 3315 Bloomfield Hwy., Farmington, NM 87401  
Facility or Well Name: JICARILLA A9  
Location: Unit or Qtr/Qtr Sec C Sec 14 T26N R4W County RIO ARIZONA  
Pit Type: Separator X Dehydrator Other PRODUCTION TANK COMBO.  
Land Type: RANGE

Pit Location: Pit dimensions: length 25', width 38', depth 15'  
(Attach diagram) Reference: wellhead X, other  
Footage from reference: 125'  
Direction from reference: 55 Degrees East of North X  
X West of South

|                                                                                                                                                           |                                                                                                          |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---|
| <b>Depth To Groundwater:</b><br>(Vertical distance from<br>contaminants to seasonal<br>high water elevation of<br>groundwater)                            | Less than 50 feet (20 points)<br>50 feet to 99 feet (10 points)<br>Greater than 100 feet (0 points)      | 0 |
| <b>Distance to an Ephemeral Stream</b><br>(Downgradient dry wash greater than<br>ten feet in width)                                                       | Less than 100 feet (10 points)<br>Greater than 100 feet (0 points)                                       | 0 |
| <b>Distance to Nearest Lake, Playa, or Watering Pond</b><br>(Downgradient lakes, playas and<br>livestock or wildlife watering ponds)                      | Less than 100 feet (10 points)<br>Greater than 100 feet (0 points)                                       | 0 |
| <b>Wellhead Protection Area:</b><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)<br>No (0 points)                                                                         | 0 |
| <b>Distance To Surface Water:</b><br>(Horizontal distance to perennial<br>lakes, ponds, rivers, streams, creeks,<br>irrigation canals and ditches)        | Less than 100 feet (20 points)<br>100 feet to 1000 feet (10 points)<br>Greater than 1000 feet (0 points) | 0 |

RECEIVED  
JUN - 5 1996  
OIL CON. DIV.  
DIST. 3

RANKING SCORE (TOTAL POINTS): 0

CA366

Date Remediation Started: \_\_\_\_\_ Date Completed: 5/15/96Remediation Method: Excavation ☒ Approx. cubic yards 500  
Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location: Onsite \_\_\_\_\_ Offsite ☒ JICARILLA L.L.P. LANDFARM #2  
(i.e. landfarmed onsite, name and location of offsite facility)General Description of Remedial Action: Excavation & HaulGroundwater Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_Final Pit: Sample location see Attached DocumentsClosure Sampling: \_\_\_\_\_  
(if multiple samples, attach sample results and diagram of sample locations and depths)  
Sample depth 15'  
Sample date 5/13/96 Sample time 1040

## Sample Results

|                 |       |               |                |       |       |
|-----------------|-------|---------------|----------------|-------|-------|
| Soil: Benzene   | (ppm) | <u>ND</u>     | Water: Benzene | (ppb) | _____ |
| Total BTEX      | (ppm) | <u>0.0971</u> | Toluene        | (ppb) | _____ |
| Field Headspace | (ppm) | <u>355</u>    | Ethylbenzene   | (ppb) | _____ |
| TPH             | (ppm) | <u>144</u>    | Total Xylenes  | (ppb) | _____ |

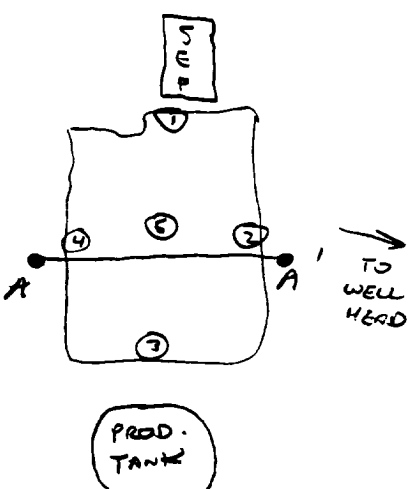
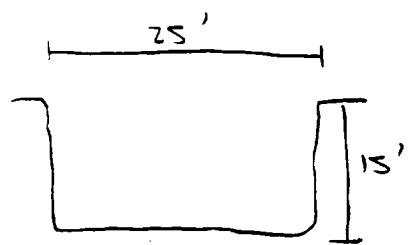
Groundwater Sample: Yes \_\_\_\_\_ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 5/15/96 PRINTED NAME Jeffrey C. Blagg, P.E. #11607SIGNATURE Jeffrey C. Blagg AND TITLE President

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO \_\_\_\_\_ (REASON) \_\_\_\_\_SIGNED: Debra J. Johnson DATE: 5/15/96

| CLIENT: <u>CONOCO</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BLAGG ENGINEERING, INC.<br>P.O. BOX 87, BLOOMFIELD, NM 87413<br>(505) 632-1199 | LOCATION NO: <u>CA366</u><br>C.O.C. NO: <u>4726</u>                                                               |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
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| FIELD REPORT: CLOSURE VERIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                | PAGE No: <u>1</u> of <u>1</u>                                                                                     |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| LOCATION: NAME: <u>JICARILLA</u> WELL #: <u>A 9</u> PIT: <u>SEP/PROD</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                | DATE STARTED: <u>5/13/96</u>                                                                                      |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| QUAD/UNIT: <u>C</u> SEC: <u>14</u> TWP: <u>26N</u> RNG: <u>4W</u> PM: <u>Nm</u> CNTY: <u>RA</u> ST: <u>Nm</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                | DATE FINISHED: _____                                                                                              |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| QTR/FOOTAGE: <u>NE/4 NW/4</u> CONTRACTOR: <u>P&amp;S/ACME</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                | ENVIRONMENTAL SPECIALIST: <u>NV</u>                                                                               |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| EXCAVATION APPROX. <u>25</u> FT. x <u>38</u> FT. x <u>15</u> FT. DEEP. CUBIC YARDAGE: <u>500</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| DISPOSAL FACILITY: <u>JICARILLA L.L.P. LANDFARM #2</u> REMEDIATION METHOD: <u>LANDFARMED</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| LAND USE: <u>RANGE</u> LEASE: <u>CONTRACT #105</u> FORMATION: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>125</u> FT. <u>N55W</u> FROM WELLHEAD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| DEPTH TO GROUNDWATER: <u>7100'</u> NEAREST WATER SOURCE: <u>71000'</u> NEAREST SURFACE WATER: <u>71000'</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| SOIL AND EXCAVATION DESCRIPTION:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                | CHECK ONE :<br><input checked="" type="checkbox"/> PIT ABANDONED<br><input type="checkbox"/> STEEL TANK INSTALLED |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| <p>OK. YELL. BROWN SILTY SAND, NON-COHESIVE TO SLIGHTLY COHESIVE, SLIGHTLY MOIST, MOSTLY FIRM, BOTTOM STIFF SLIGHT HC 600R IN NORTH SIDEWALL, OVM SAMPLE, STRONG HC 600R IN BOTTOM OVM SAMPLE.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p><b>CLOSED</b></p> <p>SCALE</p>  <p>0 FT</p> </div> <div style="width: 60%;"> <p style="text-align: center;">FIELD 418.1 CALCULATIONS</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>TIME</th> <th>SAMPLE I.D.</th> <th>LAB No.</th> <th>WEIGHT (g)</th> <th>mL. FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. ppm</th> </tr> </thead> <tbody> <tr> <td>1040</td> <td>③ @ 15'</td> <td>TPH-1724</td> <td>5</td> <td>20</td> <td>1:1</td> <td>36</td> <td>144</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> <div style="width: 20%;"> <p style="text-align: center;">OVM RESULTS</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @ 10'</td><td>132.4</td></tr> <tr><td>2 @ 10'</td><td>0.0</td></tr> <tr><td>3 @ 10'</td><td>2.0</td></tr> <tr><td>4 @ 10'</td><td>2.4</td></tr> <tr><td>5 @ 15'</td><td>355</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;"> <p style="text-align: center;">PIT PERIMETER</p>  </div> <div style="width: 30%;"> <p style="text-align: center;">LAB SAMPLES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr> <td>③ @ 15'</td> <td>BTEX</td> <td>1040</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>PASSED</b></td> </tr> </tbody> </table> </div> <div style="width: 30%;"> <p style="text-align: center;">PIT PROFILE</p>  </div> </div> |                                                                                |                                                                                                                   | TIME       | SAMPLE I.D. | LAB No.  | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm | 1040 | ③ @ 15' | TPH-1724 | 5 | 20 | 1:1 | 36 | 144 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | SAMPLE ID | FIELD HEADSPACE PID (ppm) | 1 @ 10' | 132.4 | 2 @ 10' | 0.0 | 3 @ 10' | 2.0 | 4 @ 10' | 2.4 | 5 @ 15' | 355 |  |  |  |  |  |  | SAMPLE ID | ANALYSIS | TIME | ③ @ 15' | BTEX | 1040 | <b>PASSED</b> |  |  |
| TIME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAMPLE I.D.                                                                    | LAB No.                                                                                                           | WEIGHT (g) | mL. FREON   | DILUTION | READING    | CALC. ppm |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| 1040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ③ @ 15'                                                                        | TPH-1724                                                                                                          | 5          | 20          | 1:1      | 36         | 144       |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| SAMPLE ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FIELD HEADSPACE PID (ppm)                                                      |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| 1 @ 10'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 132.4                                                                          |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| 2 @ 10'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.0                                                                            |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| 3 @ 10'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.0                                                                            |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| 4 @ 10'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.4                                                                            |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| 5 @ 15'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 355                                                                            |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| SAMPLE ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ANALYSIS                                                                       | TIME                                                                                                              |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| ③ @ 15'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BTEX                                                                           | 1040                                                                                                              |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| <b>PASSED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |
| TRAVEL NOTES: CALLOUT: <u>5/10/96 AFTER.</u> ONSITE: <u>5/13/96 MORN.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                |                                                                                                                   |            |             |          |            |           |          |         |           |      |         |          |   |    |     |    |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |                           |         |       |         |     |         |     |         |     |         |     |  |  |  |  |  |  |           |          |      |         |      |      |               |  |  |

# BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

## FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: CONOCO  
Sample ID: 5 @ 15'  
Project Location: Jicarilla A 9  
Laboratory Number: TPH-1724

Project #:   
Date Analyzed: 05-13-96  
Date Reported: 05-13-96  
Sample Matrix: Soil

| Parameter                                | Result, mg/kg | Detection Limit, mg/kg |
|------------------------------------------|---------------|------------------------|
| Total Recoverable Petroleum Hydrocarbons | 140           | 20                     |

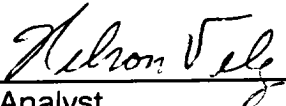
ND = Not Detectable at stated detection limits.

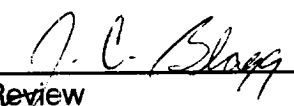
| QA/QC: | QA/QC Sample<br>TPH mg/kg | Duplicate<br>TPH mg/kg | %<br>* Diff. |
|--------|---------------------------|------------------------|--------------|
|        | 724                       | 568                    | 24.15        |

\* Administrative Acceptance limits set at 30%.

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

Comments: Separator \ Production Tank Pit - CA366

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

|                    |                |                     |          |
|--------------------|----------------|---------------------|----------|
| Client:            | Blagg / Conoco | Project #:          | 04034    |
| Sample ID:         | 5 @ 15'        | Date Reported:      | 05-14-96 |
| Laboratory Number: | A180           | Date Sampled:       | 05-13-96 |
| Chain of Custody:  | 4726           | Date Received:      | 05-14-96 |
| Sample Matrix:     | Soil           | Date Analyzed:      | 05-14-96 |
| Preservative:      | Cool           | Date Extracted:     | 05-14-96 |
| Condition:         | Cool & Intact  | Analysis Requested: | BTEX     |

| Parameter    | Concentration<br>(ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene      | ND                       | 22.3                     |
| Toluene      | 33.6                     | 24.1                     |
| Ethylbenzene | ND                       | 18.9                     |
| p,m-Xylene   | 63.5                     | 35.3                     |
| o-Xylene     | ND                       | 23.0                     |
| Total BTEX   | 97.1                     |                          |

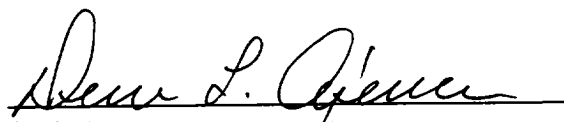
ND - Parameter not detected at the stated detection limit.

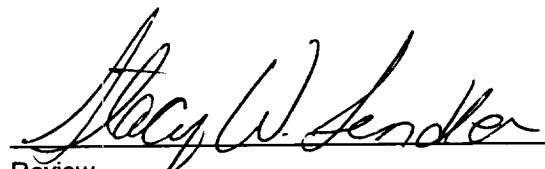
| Surrogate Recoveries: | Parameter          | Percent Recovery |
|-----------------------|--------------------|------------------|
|                       | Trifluorotoluene   | 102 %            |
|                       | Bromofluorobenzene | 100 %            |

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Jicarilla A9 Sep/Prod.

  
Analyst

  
Review

## CHAIN OF CUSTODY RECORD

| Client/Project Name                         |                 | Project Location          |                                         | ANALYSIS/PARAMETERS |                   |             |  |  |  |  |  |  |  |  |         |                 |
|---------------------------------------------|-----------------|---------------------------|-----------------------------------------|---------------------|-------------------|-------------|--|--|--|--|--|--|--|--|---------|-----------------|
| BLAERS / CONOCO                             |                 | SEP / PROD.               |                                         | TICARILLA A 9       |                   |             |  |  |  |  |  |  |  |  |         |                 |
| Sampler: (Signature)<br>Helson Vily         |                 | Chain of Custody Tape No. |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
| Sample No./ Identification                  | Sample Date     | Sample Time               | Lab Number                              | Sample Matrix       | No. of Containers | (8020) BTEX |  |  |  |  |  |  |  |  | Remarks |                 |
| ⑤ @ 15'                                     | 5/13/96         | 1040                      | A180                                    | 5012                | 1                 | ✓           |  |  |  |  |  |  |  |  |         | PRESERV. - COOL |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
|                                             |                 |                           |                                         |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
| Relinquished by: (Signature)<br>Helson Vily | Date<br>5/14/96 | Time<br>0714              | Received by: (Signature)<br>Helson Vily | Date<br>5/14/96     | Time<br>0714      |             |  |  |  |  |  |  |  |  |         |                 |
| Relinquished by: (Signature)                |                 |                           | Received by: (Signature)                |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |
| Relinquished by: (Signature)                |                 |                           | Received by: (Signature)                |                     |                   |             |  |  |  |  |  |  |  |  |         |                 |

ENVIROTECH INC.

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