

80183

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer 66, Aztec, NM 87411

District III Oil & Gas Inspector

1000 Rio Brazos Rd, Aztec, NM 87410

## State of New Mexico

Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

DEC 0 3 1996

PIT REMEDIATION AND CLOSURE REPORTOperator: Amoco Production Company Telephone: (505) - 326-9200Address: 200 Amoco Court, Farmington, New Mexico 87401Facility Or: KUTZ J. FEDERAL 2  
Well NameLocation: Unit or Qtr/Qtr Sec B Sec 6 T 27 N R 10 W County SAN JUANPit Type: Separator    Dehydrator    Other ABANDONED BLOWLand Type: BLM X, State   , Fee   , Other   Pit Location: Pit dimensions: length NA, width NA, depth NA  
(Attach diagram) Reference: wellhead X, other   Footage from reference: 175'Direction from reference: 73 Degrees    East North     
of  
X West South XDepth To Ground Water:  
(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)Less than 50 feet (20 points)  
50 feet to 99 feet (10 points)  
Greater than 100 feet (0 Points) 10Wellhead Protection Area:  
(Less than 200 feet from a private  
domestic water source, or; less than  
1000 feet from all other water sources)RECEIVED  
DEC 16 1994Yes (20 points) 0  
No (0 points)OIL CON. DIV.  
DIST. 3Distance To Surface Water:  
(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)Less than 200 feet (20 points)  
200 feet to 1000 feet (10 points) 0  
Greater than 1000 feet (0 points)RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: \_\_\_\_\_ Date Completed: 12/13/94

Remediation Method: Excavation ☒ Approx. cubic yards NA  
 (Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
 Other CLOSE AS IS

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

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

Excavation - NO CONTAMINATED SOILS

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

Final Pit: Sample location see Attached Documents

Closure Sampling:  
 (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 8'

Sample date 12/13/94 Sample time 1200

Sample Results

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

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

Field headspace(ppm) 0.0

TPH 24 ppm

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

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



DATE 12/13/94

SIGNATURE

B. Shaw

PRINTED NAME  
AND TITLE

Buddy D. Shaw  
ENVIRONMENTAL COORDINATOR

| CLIENT: <u>AMOCO</u>   | BLAGG ENGINEERING, INC.<br>P.O. BOX 87, BLOOMFIELD, NM 87413<br>(505) 632-1199 | LOCATION NO <u>8093</u><br>COC. NO: _____  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|---------------------------|---------------|------------|------------|-----------|----------|---------|-----------|------|-------------|-----------------|----------|-----------|------------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| FIELD REPORT: CLOSURE VERIFICATION   |  | PAGE No: <u>1</u> of <u>1</u>  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LOCATION: NAME: <u>KUTZ J. FEDERAL WELL # 2</u> PIT: <u>ABAND. BLOW</u>  |  | DATE STARTED: <u>12/13/94</u>  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| QUAD/UNIT: <u>B</u> SEC: <u>6</u> TWP: <u>27N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>  |  | DATE FINISHED: _____   |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| QTR/FOOTAGE: <u>10W/4 NE/4</u> CONTRACTOR: <u>EPC</u>  |  | ENVIRONMENTAL SPECIALIST: <u>NV</u>  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u>  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>   |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LAND USE: <u>RANGE</u> LEASE: <u>SF-077384</u> FORMATION: <u>OK</u>  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>175</u> FT. <u>573W</u> FROM WELLHEAD.   |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DEPTH TO GROUNDWATER: <u>5100'</u> NEAREST WATER SOURCE: <u>71000'</u> NEAREST SURFACE WATER: <u>71000'</u>  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NMOC RANKING SCORE: <u>10</u> NMOC TPH CLOSURE STD: <u>1000</u> PPM  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SOIL AND EXCAVATION DESCRIPTION:   |  | CHECK ONE:<br><input checked="" type="checkbox"/> PIT ABANDONED<br><input type="checkbox"/> STEEL TANK INSTALLED |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OK YELL. ORANGE SAND, NON-COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HC OUM IN OUM SAMPLE.  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 20%;"> <p><u>CLOSED</u></p> <p>SCALE</p>  <p>0 FT</p> </div> <div style="width: 60%;"> <p>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>1200</td> <td><u>DEB'</u></td> <td><u>TPH-1322</u></td> <td><u>5</u></td> <td><u>20</u></td> <td><u>1:1</u></td> <td><u>6</u></td> <td><u>24</u></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> <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>PIT PERIMETER </p> </div> </div> |  |  | TIME                      | SAMPLE I.D.   | LAB No:    | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm | 1200 | <u>DEB'</u> | <u>TPH-1322</u> | <u>5</u> | <u>20</u> | <u>1:1</u> | <u>6</u> | <u>24</u> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TIME   | SAMPLE I.D.  | LAB No:  | WEIGHT (g)                | mL. FREON     | DILUTION   | READING    | CALC. ppm |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1200   | <u>DEB'</u>  | <u>TPH-1322</u>  | <u>5</u>                  | <u>20</u>     | <u>1:1</u> | <u>6</u>   | <u>24</u> |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>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 <u>@ 3'</u></td><td><u>0.0</u></td></tr> <tr><td>2</td><td> </td></tr> <tr><td>3</td><td> </td></tr> <tr><td>4</td><td> </td></tr> <tr><td>5</td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>  |  | SAMPLE ID  | FIELD HEADSPACE PID (ppm) | 1 <u>@ 3'</u> | <u>0.0</u> | 2          |           | 3        |         | 4         |      | 5           |                 |          |           |            |          |           |  |  |  | <p>PIT PROFILE</p> <p style="text-align: center;">NOT APPLICABLE</p> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SAMPLE ID  | FIELD HEADSPACE PID (ppm)  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 <u>@ 3'</u>  | <u>0.0</u>   |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>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> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>  |  |  | SAMPLE ID                 | ANALYSIS      | TIME       |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SAMPLE ID  | ANALYSIS   | TIME   |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |                           |               |            |            |           |          |         |           |      |             |                 |          |           |            |          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TRAVEL NOTES. CALLOUT: <u>12/9/94</u> ONSITE: <u>12/13/94</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:            | Amoco             | Project #:     |          |
| Sample ID:         | 1 @ 8'            | Date Analyzed: | 12-13-94 |
| Project Location:  | Kutz J. Federal 2 | Date Reported: | 12-13-94 |
| Laboratory Number: | TPH-1322          | Sample Matrix: | Soil     |

| Parameter                                   | Result, mg/kg | Detection<br>Limit, mg/kg |
|---|---------------|---------------------------|
| Total Recoverable<br>Petroleum Hydrocarbons | 24            | 20                        |

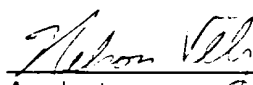
ND = Not Detectable at stated detection limits.

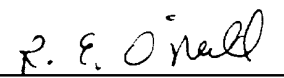
| QA/QC: | QA/QC Sample<br>TPH mg/kg | Duplicate<br>TPH mg/kg | %<br>*Diff. |
|--------|---------------------------|------------------------|-------------|
|        | 3560                      | 3040                   | 15.76       |

\* 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: Abandoned Blow Pit - B0183

  
Analyst

  
Review