

District III

1000 Bitterroot Ave.

Albuquerque, NM 87104

State of New Mexico

Energy, Minerals and Natural Resources Department

Submit 1 copy to

Appropriate District

and 1 copy to

Santa Fe Office

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

2040 S. PACHECO

Santa Fe, New Mexico 87505

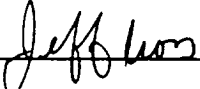
DEC 17 1998

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PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
DIST. 3

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------|---|--------------------------------------|---------------------------|-------------------|------------------|-----------------------|--------------------------------------|-------------------|------------------------|------------------|------------------|--------------------------------|-------|--|--|-------------------------|-------------|--|--|---------------------------|--------------------|--------------------------------------|
| Operator: Apache Corporation | | Telephone: 505-325-0318 | | | | | | | | | | | | | | | | | | | | | |
| Address: 2855 Southside River Road, Suite A, Farmington, NM 87401 | | | | | | | | | | | | | | | | | | | | | | | |
| Facility or Well Name: | | Apache # 125 #8 Pit #1 | | | | | | | | | | | | | | | | | | | | | |
| Location: Unit or Qtr/Qtr Sec | G Sec 26 T 25 N R 4W | County | Rio Arriba | | | | | | | | | | | | | | | | | | | | |
| Pit Type: Separator: | Dehydrator | Other | Blow Pit | | | | | | | | | | | | | | | | | | | | |
| Land Type: Jicarilla Tribal | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>Beginning Pit Dimensions:</td> <td>Length 30'</td> <td>Width 20'</td> <td>Depth 4'</td> </tr> <tr> <td>Pit Location: Ending Pit Dimensions:</td> <td>Length 45'</td> <td>Width 25'</td> <td>Depth 10'</td> </tr> <tr> <td>(Attach diagram)</td> <td>Reference: Wellhead XXX</td> <td>Other</td> <td></td> </tr> <tr> <td></td> <td>Footage from reference:</td> <td>100'</td> <td></td> </tr> <tr> <td></td> <td>Direction from reference:</td> <td>260 Degrees</td> <td>East North of West South X</td> </tr> </table> | | | | Beginning Pit Dimensions: | Length 30' | Width 20' | Depth 4' | Pit Location: Ending Pit Dimensions: | Length 45' | Width 25' | Depth 10' | (Attach diagram) | Reference: Wellhead XXX | Other | | | Footage from reference: | 100' | | | Direction from reference: | 260 Degrees | East North of West South X |
| Beginning Pit Dimensions: | Length 30' | Width 20' | Depth 4' | | | | | | | | | | | | | | | | | | | | |
| Pit Location: Ending Pit Dimensions: | Length 45' | Width 25' | Depth 10' | | | | | | | | | | | | | | | | | | | | |
| (Attach diagram) | Reference: Wellhead XXX | Other | | | | | | | | | | | | | | | | | | | | | |
| | Footage from reference: | 100' | | | | | | | | | | | | | | | | | | | | | |
| | Direction from reference: | 260 Degrees | East North of West South X | | | | | | | | | | | | | | | | | | | | |
| Depth To Groundwater: | | <table border="0"> <tr> <td>Less than 50 feet</td> <td>(20 points)</td> <td></td> </tr> <tr> <td>50 feet to 99 feet</td> <td>(10 points)</td> <td></td> </tr> <tr> <td>Greater than 100 feet</td> <td>(0 points)</td> <td>0</td> </tr> </table> | | Less than 50 feet | (20 points) | | 50 feet to 99 feet | (10 points) | | Greater than 100 feet | (0 points) | 0 | | | | | | | | | | | |
| Less than 50 feet | (20 points) | | | | | | | | | | | | | | | | | | | | | | |
| 50 feet to 99 feet | (10 points) | | | | | | | | | | | | | | | | | | | | | | |
| Greater than 100 feet | (0 points) | 0 | | | | | | | | | | | | | | | | | | | | | |
| (vertical distance from contaminants to seasonal high water elevation of groundwater) | | | | | | | | | | | | | | | | | | | | | | | |
| Wellhead Protection Area: | | <table border="0"> <tr> <td>Yes</td> <td>(20 points)</td> <td></td> </tr> <tr> <td>No</td> <td>(0 points)</td> <td>0</td> </tr> </table> | | Yes | (20 points) | | No | (0 points) | 0 | | | | | | | | | | | | | | |
| Yes | (20 points) | | | | | | | | | | | | | | | | | | | | | | |
| No | (0 points) | 0 | | | | | | | | | | | | | | | | | | | | | |
| (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources) | | | | | | | | | | | | | | | | | | | | | | | |
| Distance To Surface Water: | | <table border="0"> <tr> <td>Less than 200 feet</td> <td>(20 points)</td> <td></td> </tr> <tr> <td>200 feet to 1000 feet</td> <td>(10 points)</td> <td></td> </tr> <tr> <td>Greater than 1000 feet</td> <td>(0 points)</td> <td>0</td> </tr> </table> | | Less than 200 feet | (20 points) | | 200 feet to 1000 feet | (10 points) | | Greater than 1000 feet | (0 points) | 0 | | | | | | | | | | | |
| Less than 200 feet | (20 points) | | | | | | | | | | | | | | | | | | | | | | |
| 200 feet to 1000 feet | (10 points) | | | | | | | | | | | | | | | | | | | | | | |
| Greater than 1000 feet | (0 points) | 0 | | | | | | | | | | | | | | | | | | | | | |
| (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches) | | | | | | | | | | | | | | | | | | | | | | | |
| RANKING SCORE (TOTAL POINTS) | | 0 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|---|--|--|--------------------------------|-------------|----------------|
| Date Remediation Started: | | <u>7/16/97</u> | Date Completed: | | <u>5/21/98</u> |
| Remediation Method: (Check all appropriate sections) | | Excavation <u>XXX</u> | Approx. cubic yards | | <u>385</u> |
| | | Landfarmed <u>XX</u> | Insitu Bioremediation | | |
| | | Other _____ | | | |
| Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) | | Onsite <u>XX</u> | Offsite _____ | | |
| General Description of Remedial Action: | | <u>Excavate pit to 10', took PID readings.</u> | | | |
| | | <u>Spread soil on location for remediation. Took soil samples. Remediated soil to be put</u> | | | |
| | | <u>back in pits.</u> | | | |
| | | _____ | | | |
| | | _____ | | | |
| Groundwater Encountered: | | No <u>XX</u> | Yes _____ | Depth _____ | |
| Final Pit: | Sample location <u>4 point composite taken from pit sidewalls and pit bottom center</u> | | | | |
| Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths) | Sample depth <u>10'</u> | <u>8 to 10" into pit sidewalls 10" into pit bottom</u> | | | |
| | Sample Date <u>7/22/97</u> | Sample Time <u>10:30 A.M.</u> | | | |
| | Sample results | | | | |
| | Benzene | (ppm) | <u>ND</u> | | |
| | Total BTEX | (ppm) | <u>ND</u> | | |
| | Field Headspace | (ppm) | <u>0.82</u> | | |
| | TPH | | <u>ND</u> | | |
| Groundwater Sample: | Yes _____ | No <u>XX</u> | (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 | <u>June 24, 1998</u> | PRINTED NAME | <u>Jeff Cross</u> | | |
| SIGNATURE | <u></u> | AND TITLE: | <u>Project Manager</u> | | |

District III
1000 Rio Brazos Rd
Aztec, NM 87410

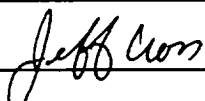
State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 S. PACHECO
Santa Fe, New Mexico 87505

Submit 1 copy to
Appropriate District
and 1 copy to
Santa Fe Office

PIT REMEDIATION AND CLOSURE REPORT

| | | | |
|--|------------------------|---------------------------------------|--|
| Operator: <u>Apache Corporation</u> | | Telephone: <u>505-325-0318</u> | |
| Address: <u>2855 Southside River Road, Suite A, Farmington, NM 87401</u> | | | |
| Facility or Well Name: | | <u>Apache # 125 #8 Pit #2</u> | |
| Location: Unit or Qtr/Qtr Sec | | <u>G</u> | <u>Sec 26</u> <u>T 25 N</u> <u>R 4W</u> County <u>Rio Arriba</u> |
| Pit Type: Separator: <u>XX</u> | | Dehydrator <u> </u> | Other <u> </u> |
| Land Type: <u>Jicarilla Tribal</u> | | | |
| <hr/> | | | |
| Beginning Pit Dimensions: | | Length <u>12'</u> | Width <u>12'</u> Depth <u>2'</u> |
| Pit Location: | Ending Pit Dimensions: | Length <u>15'</u> | Width <u>12'</u> Depth <u>8'</u> |
| (Attach diagram) | | | |
| Reference: | | Wellhead <u>XXX</u> | Other <u> </u> |
| Footage from reference: | | <u>110'</u> | |
| Direction from reference: | | <u>336</u> Degrees | East North <u>XX</u> of West South <u> </u> |
| <hr/> | | | |
| Depth To Groundwater: | | Less than 50 feet | (20 points) <u> </u> |
| (vertical distance from | | 50 feet to 99 feet | (10 points) <u> </u> |
| contaminants to seasonal | | Greater than 100 feet | (0 points) <u>0</u> |
| high water elevation of | | | |
| groundwater) | | | |
| Wellhead Protection Area: | | Yes | (20 points) <u> </u> |
| (Less than 200 feet from a private | | No | (0 points) <u>0</u> |
| domestic water source, or; less than | | | |
| 1000 feet from all other water sources) | | | |
| <hr/> | | | |
| Distance To Surface Water: | | Less than 200 feet | (20 points) <u> </u> |
| (Horizontal distance to perennial | | 200 feet to 1000 feet | (10 points) <u> </u> |
| lakes, ponds, rivers, streams, creeks, | | Greater than 1000 feet | (0 points) <u>0</u> |
| irrigation canals and ditches) | | | |
| | | RANKING SCORE (TOTAL POINTS) <u>0</u> | |

| | | | | | |
|---|---|---|--|-------------------|------------------------|
| Date Remediation Started: | | <u>7/21/97</u> | Date Completed: | | <u>5/21/98</u> |
| Remediation Method: (Check all appropriate sections) | | Excavation <u>XXX</u> | Approx. cubic yards | | <u>55</u> |
| | | Landfarmed <u>XX</u> | Insitu Bioremediation | | |
| | | Other _____ | | | |
| Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) | | Onsite <u>XX</u> | Offsite _____ | | |
| General Description of Remedial Action: <u>Excavate pit to 8', took PID readings.</u> | | | | | |
| <u>Spread soil on location for remediation. Took soil samples. Remediated soil to be put</u> | | | | | |
| <u>back in pits.</u> | | | | | |
| | | | | | |
| | | | | | |
| Groundwater Encountered: No <u>XX</u> Yes _____ Depth _____ | | | | | |
| | | | | | |
| Final Pit: | Sample location <u>4 point composite taken from pit sidewalls and pit bottom center</u> | | | | |
| Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths) | | | | | |
| | Sample depth | <u>8'</u> | <u>8 to 10" into pit sidewalls 10" into pit bottom</u> | | |
| | Sample Date | <u>7/22/97</u> | Sample Time | <u>2:30 P. M.</u> | |
| | Sample results | | | | |
| | Benzene | (ppm) | <u>ND</u> | | |
| | Total BTEX | (ppm) | <u>ND</u> | | |
| | Field Headspace | (ppm) | <u>1.14</u> | | |
| | TPH | | <u>ND</u> | | |
| Groundwater Sample: Yes _____ No <u>XX</u> (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 | | <u>June 24, 1998</u> | PRINTED NAME | | <u>Jeff Cross</u> |
| SIGNATURE | |  | AND TITLE: | | <u>Project Manager</u> |

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

Submit 1 copy to
Natural Resource Dept.
and Oil & Gas Administration

PIT REMEDIATION AND CLOSURE REPORT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------|---|-------------------------------|-------------------------|-----------------|-------------------|------------------|------------------|------------------|------------|---------------------|-------------------------|--|--|-------------------------|-------------|--|--|--|---------------------------|--------------------|------------------------|-------------------------|--|--|--|----------------|-------------------|
| Operator: <u>M W PETROLEUM</u> | | Telephone <u>505-325-0318</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: <u>304 N. BEHREND, FARMINGTON, N.M. 84701</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facility or Well Name: <u>JAT 125 # 8 PIT # 1</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location: | Unit or Qtr/Qtr Sec | <u>G</u> <u>SEC 26</u> <u>T 25N</u> <u>R 4W</u> | County <u>RIO ARRIBA</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pit Type: | Separator: <u> </u> | Dehydrator <u> </u> | Other <u>BLOW PIT</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Land Type: <u>JIC. TRIBAL</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0" style="width: 100%;"> <tr> <td>Pit Location:</td> <td>Pit Dimensions:</td> <td>Length <u>45'</u></td> <td>Width <u>25'</u></td> <td>Depth <u>10'</u></td> </tr> <tr> <td>(Attach diagram)</td> <td>Reference:</td> <td>Wellhead <u>XXX</u></td> <td>Other <u> </u></td> <td></td> </tr> <tr> <td></td> <td>Footage from reference:</td> <td><u>100'</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Direction from reference:</td> <td><u>260</u> Degrees</td> <td><u> </u> East</td> <td>North <u> </u></td> </tr> <tr> <td></td> <td></td> <td></td> <td><u>XX</u> West</td> <td>of South <u>X</u></td> </tr> </table> | | | | Pit Location: | Pit Dimensions: | Length <u>45'</u> | Width <u>25'</u> | Depth <u>10'</u> | (Attach diagram) | Reference: | Wellhead <u>XXX</u> | Other <u> </u> | | | Footage from reference: | <u>100'</u> | | | | Direction from reference: | <u>260</u> Degrees | <u> </u> East | North <u> </u> | | | | <u>XX</u> West | of South <u>X</u> |
| Pit Location: | Pit Dimensions: | Length <u>45'</u> | Width <u>25'</u> | Depth <u>10'</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| (Attach diagram) | Reference: | Wellhead <u>XXX</u> | Other <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Footage from reference: | <u>100'</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Direction from reference: | <u>260</u> Degrees | <u> </u> East | North <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | <u>XX</u> West | of South <u>X</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| Depth To Groundwater: | | Less than 50 feet | (20 points) <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (vertical distance from | | 50 feet to 99 feet | (10 points) <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| contaminants to seasonal | | Greater than 100 feet | (0 points) <u>0</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| high water elevation of | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| groundwater) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distance to an Ephemeral Stream: | | Less than 100 feet | (10 points) <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Downgradient dry wash greater than | | Greater than 100 feet | (0 points) <u>0</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| ten feet in width | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distance to Nearest Lake, Playa, or Watering Pond: | | Less than 100 feet | (10 points) <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Downgradient lakes, playas and | | Greater than 100 feet | (0 points) <u>0</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| livestock or wildlife watering ponds) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wellhead Protection Area: | | Yes | (20 points) <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Less than 200 feet from a private | | No | (0 points) <u>0</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| domestic water source, or less than | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000 feet from all other water sources) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distance To Surface Water: | | Less than 100 feet | (20 points) <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Horizontal distance to perennial | | 100 feet to 1000 feet | (10 points) <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| lakes, ponds, rivers, streams, creeks, | | Greater than 1000 feet | (0 points) <u>0</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| irrigation canals and ditches) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | RANKING SCORE (TOTAL POINTS) | <u>0</u> | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|--|-----------------------|--|--------------------------------|
| Date Remediation Started: <u>7/16/97</u> | | Date Completed: <u>5-21-98</u> | |
| Remediation Method: (Check all appropriate sections) | Excavation <u>XXX</u> | Approx. cubic yards <u>385</u> | |
| | Landfarmed <u>XX</u> | Insitu Bioremediation _____ | |
| | Other _____ | | |
| Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) | | Onsite <u>XX</u> | Offsite _____ |
| General Description of Remedial Action: <u>Excavate pit to 10', took PID readings. spread soil on location for remediation. Took soil samples. Remediated soil to be put back in pits</u> | | | |
| Groundwater Encountered: | | No <u>XXX</u> | Yes _____ Depth _____ |
| Final Pit: Sample location <u>4 POINT COMPOSITE SAMPLE TAKEN 8 TO 10" INTO PIT</u> | | | |
| Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths) <u>SIDEWALLS, GRAB SAMPLE TAKEN 10" INTO PIT BOTTOM CENTER.</u> | | | |
| Sample depth <u>10'</u> | | <u>8" to 10" into pit side walls, 10" into pit bottom.</u> | |
| Sample Date <u>7/22/97</u> | | Sample Time <u>10:30AM</u> | |
| Sample results | | | |
| Soil: | Benzene (ppm) | <u>ND</u> | Water: Benzene (ppb) <u>NA</u> |
| | Total BTEX (ppm) | <u>ND</u> | Toluene (ppb) <u>NA</u> |
| | Field Headspace (ppm) | <u>0.82</u> | Ethylbenzene (ppb) <u>NA</u> |
| | TPH (ppm) | <u>ND\SIDES</u> | Total Xylenes (ppb) <u>NA</u> |
| | | <u>ND\BTM</u> | |
| Groundwater Sample: | | Yes _____ No <u>XXX</u> (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 <u>6-4-98</u> | | PRINTED NAME <u>JEFF CROSS</u> | |
| SIGNATURE <u>Jeff Cross</u> | | AND TITLE <u>PROJECT MANAGER</u> | |
| AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE. | | | |
| APPROVED: YES <u>X</u> NO _____ (REASON) _____ | | | |
| SIGNED: <u>Kevin C. M...all</u> | | DATE: <u>6-23-98</u> | |

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

Submit 1 copy to
Natural Resource Dept.
and Oil & Gas Administration

PIT REMEDIATION AND CLOSURE REPORT

| | | | |
|--|---|-------------------------------------|---|
| Operator: <u>M W PETROLEUM</u> | | Telephone <u>505-325-0318</u> | |
| Address: <u>304 N. BEHREND, FARMINGTON, N.M. 84701</u> | | | |
| Facility or Well Name: <u>JAT 125 # 8 PIT # 2</u> | | | |
| Location: | Unit or Qtr/Qtr Sec <u>G</u> | <u>SEC 26</u> | <u>T 25N</u> <u>R 4W</u> County <u>RIO ARRIBA</u> |
| Pit Type: | Separator: <u>XX</u> Dehydrator <u> </u> Other <u> </u> | | |
| Land Type: | <u>JIC. TRIBAL</u> | | |
| Pit Location: Pit Dimensions: Length <u>15'</u> Width <u>12'</u> Depth <u>8'</u> | | | |
| (Attach diagram) | | | |
| Reference: Wellhead <u>XXX</u> Other <u> </u> | | | |
| Footage from reference: <u>110'</u> | | | |
| Direction from reference: <u>336</u> Degrees <u> </u> East North <u>XX</u> | | | |
| <u>X</u> West of South <u> </u> | | | |
| Depth To Groundwater: | | Less than 50 feet | (20 points) <u> </u> |
| (vertical distance from | | 50 feet to 99 feet | (10 points) <u> </u> |
| contaminants to seasonal | | Greater than 100 feet | (0 points) <u>0</u> |
| high water elevation of | | | |
| groundwater) | | | |
| Distance to an Ephemeral Stream: | | Less than 100 feet | (10 points) <u> </u> |
| (Downgradient dry wash greater than | | Greater than 100 feet | (0 points) <u>0</u> |
| ten feet in width | | | |
| Distance to Nearest Lake, Playa, or Watering Pond: | | Less than 100 feet | (10 points) <u> </u> |
| (Downgradient lakes, playas and | | Greater than 100 feet | (0 points) <u>0</u> |
| livestock or wildlife watering ponds) | | | |
| Wellhead Protection Area: | | Yes | (20 points) <u> </u> |
| (Less than 200 feet from a private | | No | (0 points) <u>0</u> |
| domestic water source, or less than | | | |
| 1000 feet from all other water sources) | | | |
| Distance To Surface Water: | | Less than 100 feet | (20 points) <u> </u> |
| (Horizontal distance to perennial | | 100 feet to 1000 feet | (10 points) <u> </u> |
| lakes, ponds, rivers, streams, creeks, | | Greater than 1000 feet | (0 points) <u>0</u> |
| irrigation canals and ditches) | | | |
| | | RANKING SCORE (TOTAL POINTS) | <u>0</u> |

| | | | |
|---|---|--|--------------------------------|
| Date Remediation Started: <u>7/21/97</u> | | Date Completed: <u>5-21-98</u> | |
| Remediation Method: (Check all appropriate sections) | Excavation <u>XXX</u> | Approx. cubic yards <u>55</u> | |
| | Landfarmed <u>XX</u> | Insitu Bioremediation _____ | |
| | Other _____ | | |
| Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) | Onsite <u>XX</u> | Offsite _____ | |
| | _____ | | |
| General Description of Remedial Action: <u>Excavate pit to 8', took PID readings. spread soil on</u> | | | |
| <u>location for remediation. Took soil samples. Remediated soil to be put back in pits</u> | | | |
| Groundwater Encountered: | No <u>XXX</u> | Yes _____ | Depth _____ |
| Final Pit: | Sample location <u>4 POINT COMPOSITE SAMPLE TAKEN 8 TO 10" INTO PIT</u> | | |
| Closure Sampling: (in multiple samples, attach sample results and diagram of sample locations and depths) | <u>SIDEWALLS, GRAB SAMPLE TAKEN 10" INTO PIT BOTTOM CENTER.</u> | | |
| | Sample depth <u>8'</u> | <u>8" to 10" into pit side walls, 10" into pit bottom.</u> | |
| Sample Date | <u>7/21/97</u> | Sample Time | <u>2:30PM</u> |
| Sample results | | | |
| Soil: | Benzene (ppm) | <u>ND</u> | Water: Benzene (ppb) <u>NA</u> |
| | Total BTEX (ppm) | <u>ND</u> | Toluene (ppb) <u>NA</u> |
| | Field Headspace (ppm) | <u>1.14</u> | Ethylbenzene (ppb) <u>NA</u> |
| | TPH (ppm) | <u>ND\SIDES</u> <u>ND\BTM</u> | Total Xylenes (ppb) <u>NA</u> |
| Groundwater Sample: | Yes _____ | No <u>XXX</u> | (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 | <u>6-4-98</u> | PRINTED NAME | <u>JEFF CROSS</u> |
| SIGNATURE | <u>Jeff Cross</u> | AND TITLE | <u>PROJECT MANAGER</u> |
| AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE. | | | |
| APPROVED: | YES <u>X</u> | NO _____ | (REASON) _____ |
| SIGNED: | <u>Jeff Cross</u> | DATE: | <u>6-23-98</u> |

M W PETROLEUM/FARMINGTON DISTRICT PIT EXCAVATION AND CLOSURE REPORT

LOCATION JAT 125 # 8

PIT COUNT 1

Jicarilla Apache Tribal EPO/OCD/BLM

Review and Approval

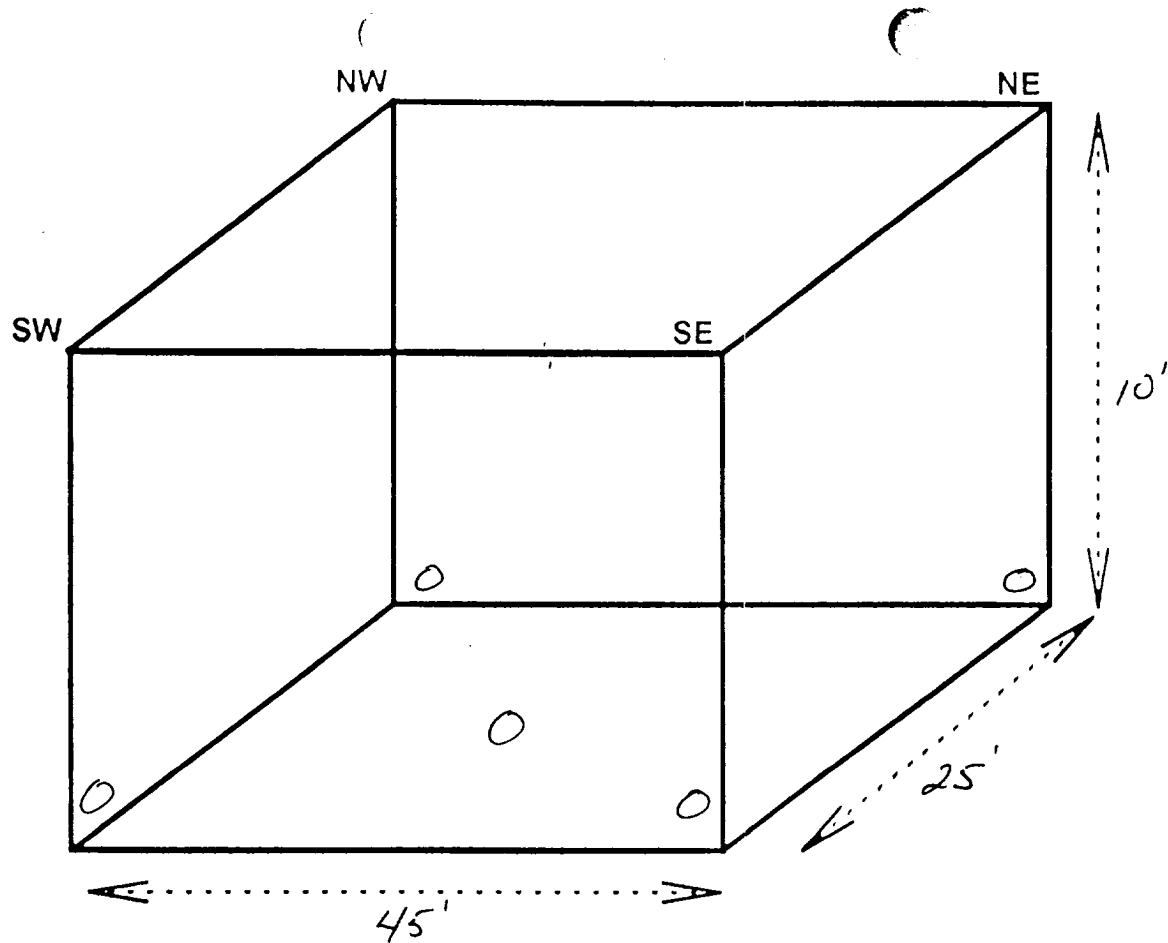
OCD-BLM

EPO Representative

Date of Review

| Excavation | | | | | | | | |
|-------------|------------|------------|--------------------------------------|-------|-------------|---|---------|--------|
| DIMENSIONS | | | START: PIT #1 7/16/97 PIT #2 7/21/97 | | | FINISH: PIT #1, 7/21/97 PIT #2, 7/21/97 | | |
| | W | L | D | | W | L | D | CU YDS |
| Pit 1 | 20' | 30' | 4' | Pit 1 | 25' | 45' | 10' | 385 |
| Pit 2 | 12' | 12' | 2' | Pit 2 | 12' | 15' | 8' | 55 |
| Pit 3 | | | | Pit 3 | | | | |
| | Pit 1 @ 8' | Pit 2 @ 6' | Pit 3 @ | | Pit 1 @ 10' | Pit 2 @ 8' | Pit 3 @ | |
| P I D | Center | 221 | 220 | | Center | 1.4 | 1.6 | |
| | NW Corner | 145 | 150 | | NW Corner | 0.2 | 0.8 | |
| | NE Corner | 350 | 75 | | NE Corner | 0.8 | 1 | |
| | SW Corner | 258 | 90 | | SW Corner | 1 | 1.1 | |
| | SE Corner | 186 | 129 | | SE Corner | 0.7 | 1.2 | |

| | |
|---------|---|
| NOTES: | |
| 7/16/97 | START EXCAVATION ON PIT # 1 |
| 7/17/97 | PIT BOTTOM CLEAN @ 5' , SIDE WALLS STAINED. |
| 7/18/97 | CONTINUE EXCAVATING NORTH WALL. |
| 7/21/97 | FINISHED EXCAVATING PIT #1 |
| | |
| 7/21/97 | EXCAVATE PIT # 2 LIGHT STAINING DOWN TO 4' THEN CLEANED UP. |
| 7/21/97 | SAMPLED BOTH PITS AND SENT TO ASSAIGAI LABS. |
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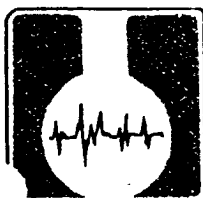


○ = SAMPLE AREA

WELL NAME JAT125 #8 pt #1

SAMPLE DATE 7-22-97

NOTES 4 POINT COMPOSITE SAMPLE TAKEN 8" TO 10" INTO PIT
SIDEWALL
1 POINT GRAB SAMPLE TAKEN 10" TO 12" INTO BOTTOM CENTER



**ASSAIGAI
ANALYTICAL
LABORATORIES, INC.**

7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, E-5 • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

Report Generated:
July 31, 1997 13:48

**CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE**

SENT APACHE CORPORATION
TO: 304 N. BEHREND
FARMINGTON, NM 87401

WORKORDER # : 9707237
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 07/25/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9707237-01A
Sample ID: JAT 125 #8 PIT #1 SIDES

Collected: 07/22/97 10:30:00
Matrix: SOIL

| TEST / METHOD | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|------------------|--------|-------|--------|-----|--------------|-----------|
| BTEX/SW846 8020A | | | | | | |
| Benzene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| Toluene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| Ethylbenzene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| P-&m-Xylene | ND | mg/kg | 0.010 | 100 | 07/28/97 | SBTXME180 |
| O-Xylene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |

Lab ID: 9707237-01B
Sample ID: JAT 125 #8 PIT #1 SIDES

Collected: 07/22/97 10:30:00
Matrix: SOIL

| TEST / METHOD | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|----------------------------|--------|-------|-------|-----|--------------|----------|
| Diesel Range OG Soil/M8015 | | | | | | |
| Diesel Range OG in Soil | ND | mg/Kg | 25 | 25 | 07/30/97 | SDRO44 |

Lab ID: 9707237-02A
Sample ID: JAT 125 #8 PIT #1 BOTTOM

Collected: 07/22/97 10:45:00
Matrix: SOIL

| TEST / METHOD | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|------------------|--------|-------|--------|-----|--------------|-----------|
| BTEX/SW846 8020A | | | | | | |
| Benzene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| Toluene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| Ethylbenzene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| P-&m-Xylene | ND | mg/kg | 0.010 | 100 | 07/28/97 | SBTXME180 |
| O-Xylene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |



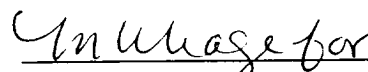
ID: 9707237-02B

Sample ID: JAT 125 #8 PIT #1 BOTTOM

Collected: 07/22/97 10:45:00

Matrix: SOIL

| TEST / METHOD | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|---|--------|-------|-------|-----|--------------|----------|
| Diesel Range OG Soil/M8015 Diesel Range OG in Soil | ND | mg/Kg | 25 | 25 | 07/30/97 | SDRO44 |

William P. Biava
President

WORKORDER COMMENTS

DATE : 07/31/97

WORKORDER:

DEFINITIONS/DATA QUALIFIERS

The following are definitions, abbreviations, and data qualifiers which may have been utilized in your report:

ND = Analyte "not detected" in analysis at the sample specific detection limit.

D_F = Sample "dilution factor"

NT = Analyte "not tested" per client request.

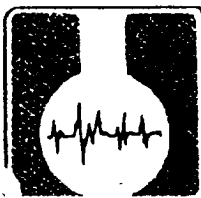
B = Analyte was also detected in laboratory method QC blank.

E = Analyte concentration (result) is an estimated value or exceeds analysis calibration range.

LIMIT = The minimum amount of the analyte that AAL can detect utilizing the specified analysis.

Please Note: Multiply the "Limit" value (AAL's Detection Limit) by Dilution Factor (D_F) to obtain the sample specific Detection Limit.

REPORT COMMENTS



**ASSAIGAI
ANALYTICAL
LABORATORIES, INC.**

7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, E-5 • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

Report Generated:
July 31, 1997 13:54

**CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE**

SENT APACHE CORPORATION
TO: 304 N. BEHREND
FARMINGTON, NM 87401

WORKORDER # : 9707238
WORK ID : JICARILLA PIT CLOSURES
CLIENT CODE : APA01
DATE RECEIVED : 07/25/97

ATTN: JEFF CROSS

Page: 1

Lab ID: 9707238-01A
Sample ID: JAT 125 #8 PIT #2 SIDES

Collected: 07/22/97 14:30:00
Matrix: SOIL

| TEST / METHOD | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|------------------|--------|-------|--------|-----|--------------|-----------|
| BTEX/SW846 8020A | | | | | | |
| Benzene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| Toluene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| Ethylbenzene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| P-&m-Xylene | ND | mg/kg | 0.010 | 100 | 07/28/97 | SBTXME180 |
| O-Xylene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |

Lab ID: 9707238-01B
Sample ID: JAT 125 #8 PIT #2 SIDES

Collected: 07/22/97 14:30:00
Matrix: SOIL

| TEST / METHOD | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|----------------------------|--------|-------|-------|-----|--------------|----------|
| Diesel Range OG Soil/M8015 | | | | | | |
| Diesel Range OG in Soil | ND | mg/Kg | 25 | 25 | 07/30/97 | SDRO44 |

Lab ID: 9707238-02A
Sample ID: JAT 125 #8 PIT #2 BOTTOM

Collected: 07/22/97 14:45:00
Matrix: SOIL

| TEST / METHOD | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|------------------|--------|-------|--------|-----|--------------|-----------|
| BTEX/SW846 8020A | | | | | | |
| Benzene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| Toluene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| Ethylbenzene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |
| P-&m-Xylene | ND | mg/kg | 0.010 | 100 | 07/28/97 | SBTXME180 |
| O-Xylene | ND | mg/kg | 0.0050 | 100 | 07/28/97 | SBTXME180 |



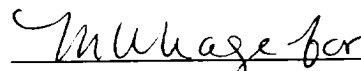
I ID: 9707238-02B

Sample ID: JAT 125 #8 PIT #2 BOTTOM

Collected: 07/22/97 14:45:00

Matrix: SCIL

| TEST / METHOD | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|---|--------|-------|-------|-----|--------------|----------|
| Diesel Range OG Soil/M8015 Diesel Range OG in Soil | ND | mg/Kg | 25 | 25 | 07/30/97 | SDRO44 |

William P. Biava
President

WORKORDER COMMENTS

DATE : 07/31/97
WORKORDER:

DEFINITIONS/DATA QUALIFIERS

The following are definitions, abbreviations, and data qualifiers which may have been utilized in your report:

- ND = Analyte "not detected" in analysis at the sample specific detection limit.
- D_F = Sample "dilution factor"
- NT = Analyte "not tested" per client request.
- B = Analyte was also detected in laboratory method QC blank.
- E = Analyte concentration (result) is an estimated value or exceeds analysis calibration range.
- LIMIT = The minimum amount of the analyte that AAL can detect utilizing the specified analysis.

Please Note: Multiply the "Limit" value (AAL's Detection Limit) by Dilution Factor (D_F) to obtain the sample specific Detection Limit.

REPORT COMMENTS

ASSAIGAI
NALTICAL
LABORATORIES

(915) 593-6000

CIUDAD JUAREZ, CHIHUAHUA MEXICO 32320

After analysis, samples are to be:

☐ Disposed of (additional fee)

☐ Stored (30 days max)

☐ Stored over 30 days (additional fee)

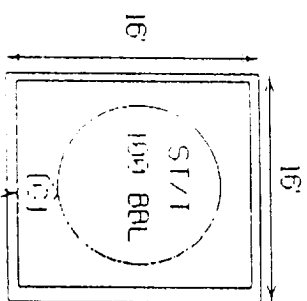
☐ Returned to customer

NORTH

GENERAL DRAINAGE

M W PETROLEUM
JICARILLA CONTRACT 125 NUMBER 8
SW/4 NE/4 (C)
SECTION 26, TOWNSHIP 25N, RANGE 4W
RIO ARriba COUNTY, NM

PIT 1



WELLHEAD
○

HQ

PIT 2

SATELLITE "B"

5

Ditch # 2
70' x 12"

Ditch # 1
130' x 80' x 12"

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

Submit 1 copy to
Natural Resource Dept.
and Oil & Gas Administration

ON-SITE SOIL REMEDIATION REPORT

| | | | |
|--|--|---|--|
| Operator: <u>M W PETROLEUM</u> | | Telephone <u>505-325-0318</u> | |
| Address: <u>2855 SOUTHSIDE RIVER ROAD / SUITE A / FARMINGTON, N. M. 87401-7947</u> | | | |
| Facility or Well Name: <u>JAT 125 # 8 CELL # 2</u> | | | |
| Location: Unit or Qtr/Qtr Sec <u>G</u> Sec <u>26</u> T <u>25 N</u> R <u>4 W</u> County <u>RIO ARRIBA</u> | | | |
| Land Type <u>JIC. TRIBAL</u> | | | |
| Date Remediation Started: <u>7/21/97</u> | | Date Completed: <u>5/21/98</u> | |
| Remediation Method: Landfarmed <u>XXX</u> | | Approx. cubic yards <u>100</u> | |
| Composted <u> </u> | | | |
| Other <u>Remediated soil To be put Back in pits.</u> | | | |
| Depth to Groundwater: (pts) <u>0</u> | | Final Closure Sampling Sampling Date: <u>5/21/98</u> Time: <u>9:55AM</u> Sample Results: Field Headspace (ppm) <u>ND</u> TPH (ppm) <u>ND</u> Method <u>M8015</u> Other <u>BTEX \ SW846 , 8020A (ND)</u> | |
| Distance to an Ephemeral Stream: (pts) <u>0</u> | | | |
| Distance to Nearest Lake, Playa, or Watering Pond: (pts) <u>0</u> | | | |
| Wellhead Protection Area: (pts) <u>0</u> | | | |
| Distance To Surface Water: (pts) <u>0</u> | | | |
| RANKING SCORE (TOTAL POINTS) <u>0</u> | | | |
| I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF | | | |
| DATE: <u>6/4/98</u> | | PRINTED NAME <u>JEFF CROSS</u> | |
| SIGNATURE <u>Jeff Cross</u> | | TITLE <u>PROJECT MANAGER</u> | |
| AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION. ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE. | | | |
| APPROVED: YES <u>X</u> NO <u> </u> (REASON) <u>use as Backfill</u> | | | |
| SIGNED: <u>Ken Marshall</u> | | DATE: <u>6-23-98</u> | |

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

Submit 1 copy to
Natural Resource Dept.
and Oil & Gas Administration

ON-SITE SOIL REMEDIATION REPORT

| | | | |
|--|--|---|--------------------------------|
| Operator: <u>M W PETROLEUM</u> | | Telephone <u>505-325-0318</u> | |
| Address: <u>2855 SOUTHSIDE RIVER ROAD / SUITE A / FARMINGTON, N. M. 87401-7947</u> | | | |
| Facility or Well Name: <u>JAT 125 # 8 CELL # 1</u> | | | |
| Location: Unit or Qtr/Qtr Sec <u>G</u> Sec <u>26</u> T <u>25 N</u> R <u>4 W</u> County <u>RIO ARRIBA</u> | | | |
| Land Type <u>JIC. TRIBAL</u> | | | |
| Date Remediation Started: <u>7/16/97</u> | | Date Completed: <u>5/21/98</u> | |
| Remediation Method: Landfarmed | | <u>XXX</u> | Approx. cubic yards <u>340</u> |
| Composted | | | |
| Other | | <u>Remediated soil to be put back in pits.</u> | |
| Depth to Groundwater: (pts) <u>0</u> | | Final Closure Sampling Sampling Date: <u>5/21/98</u> Time: <u>9:45AM</u> Sample Results: Field Headspace (ppm) <u>ND</u> TPH (ppm) <u>ND</u> Method <u>M8015</u> Other <u>BTEX \ SW846 , 8020A (ND)</u> | |
| Distance to an Ephemeral Stream: (pts) <u>0</u> | | | |
| Distance to Nearest Lake, Playa, or Watering Pond: (pts) <u>0</u> | | | |
| Wellhead Protection Area: (pts) <u>0</u> | | | |
| Distance To Surface Water: (pts) <u>0</u> | | | |
| RANKING SCORE (TOTAL POINTS) <u>0</u> | | | |
| I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF | | | |
| DATE: <u>6/4/98</u> | | PRINTED NAME <u>JEFF CROSS</u> | |
| SIGNATURE <u>Jeff Cross</u> | | TITLE <u>PROJECT MANAGER</u> | |
| AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION. ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE. | | | |
| APPROVED: YES <u>X</u> NO <u> </u> (REASON) <u>use as Backfill</u> | | | |
| SIGNED: <u>Kevin C. Mammill</u> | | DATE: <u>6-23-98</u> | |

M W PETROLEUM/FARMINGTON DISTRICT SOIL REMEDIATIONS STATUS REPORT

REMEDIATION SITE JAT 125 # 8

* AMOUNT OF SOIL UNDERGOING REMEDIATION 440 Yds.

| | | | |
|---|----------------------------|------------------|-------------------|
| CELL No. <u>1</u> | SampDATE 5/21/98 | TPH ND | BTEX ND |
| DIMENSIONS(LxWxH) <u>130' X 80' X 12"</u> | | | |
| CELL LOCATION (dir. from well head) <u>SOUTHEAST</u> | | | |
| * DATE BEGAN: <u>7/16/97</u> | | | |
| DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>5/21/98</u> | | | |
| CELL No. <u>2</u> | SampDATE 5/21/98 | TPH ND | BTEX ND |
| DIMENSIONS(LxWxH) <u>70' X 50' X 12"</u> | | | |
| CELL LOCATION (dir. from well head) <u>EAST</u> | | | |
| * DATE BEGAN: <u>7/21/97</u> | | | |
| DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) <u>5/21/97</u> | | | |
| CELL No. <u>3</u> | SampDATE | TPH | BTEX |
| DIMENSIONS(LxWxH) | | | |
| CELL LOCATION (dir. from well head) | | | |
| * DATE BEGAN: | | | |
| DATE TERMINATED (TPH <5,000 ppm/BTEX< 50 ppm/Benzene < 10 ppm) | | | |
| REMEDICATION RECORD: (Date, Treatment, Tilling) | | | |
| 7/18/97 TREAT SOIL WITH 46-0-0 FERTILIZER,WATER,PLOW AND TILL SOIL. | | | |
| 8/7/97 WATER,PLOW AND TILL SOIL. | | | |
| 9/9/97 TILL SOIL. | | | |
| 10/20/97 TREAT SOIL WITH 83LBS PHOSPHORUS,105LBS LIME,WATER,PLOW AND TILL SOIL. | | | |
| 5/4/98 PLOW SOIL. | | | |
| 5/7/98 TILL SOIL . | | | |
| 5/21/98 PLOW AND TILL SOIL. | | | |

From excavation reports.

WELL NAME:

JAT 125th Cell #2

SAMPLE DATE:

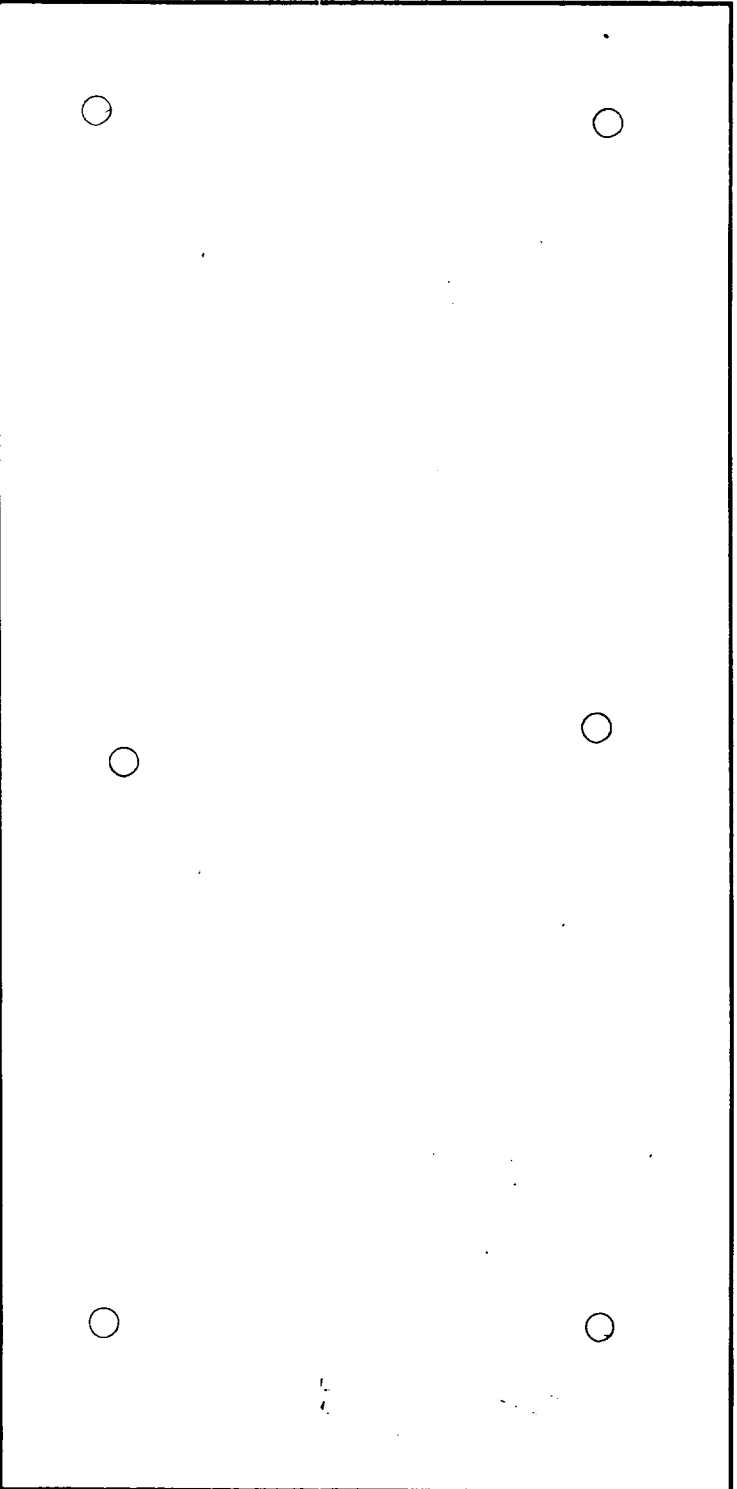
5-21-98

DIMENSIONS:

70' x 50' x 12"



= SAMPLE AREA



NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

6 point composite sample

WELL NAME:

JAT 125th cell #1

SAMPLE DATE:

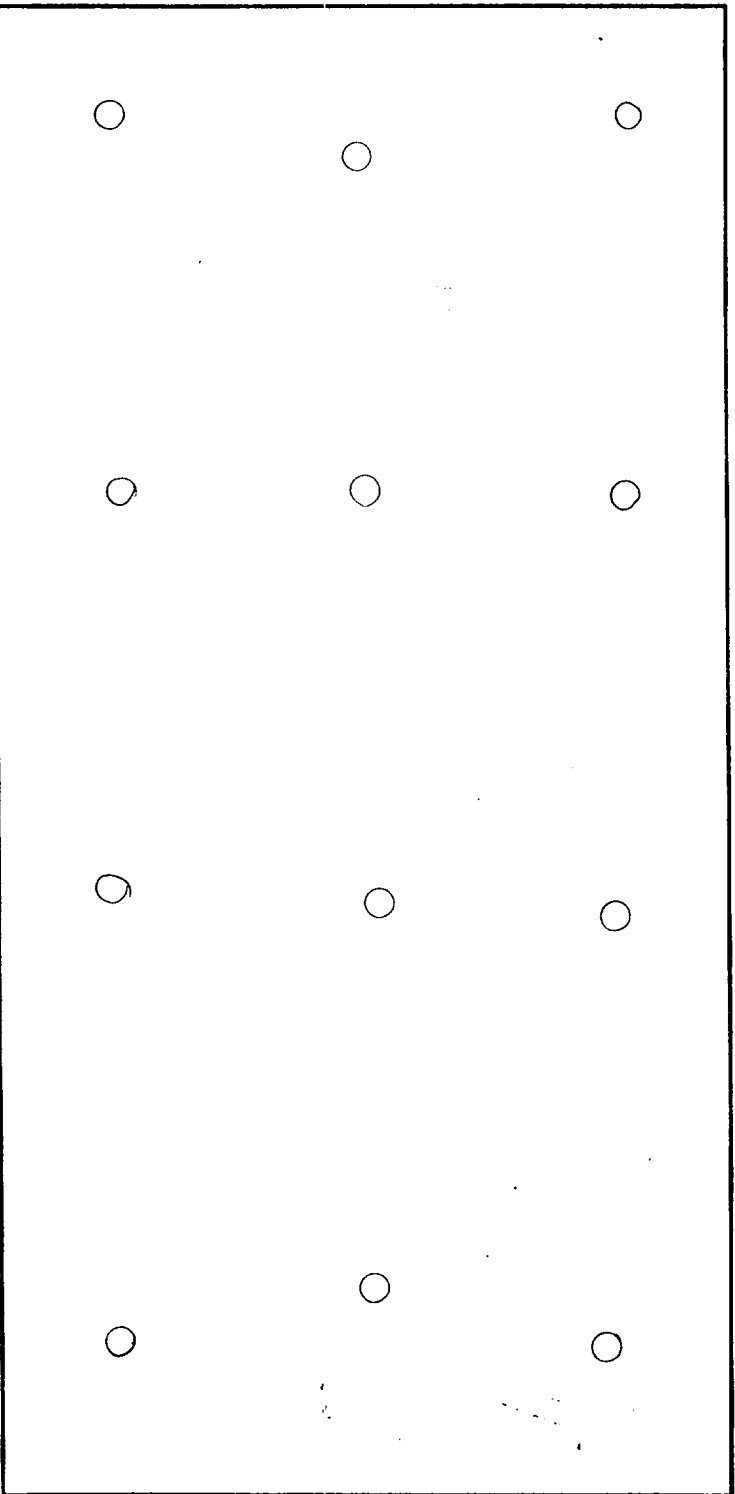
5-21-98

DIMENSIONS:

130' x 80' x 12"



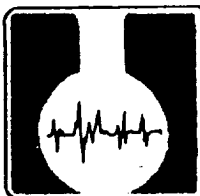
= SAMPLE AREA



NOTES:

ALL SAMPLES TAKEN 10" TO 12" INTO CELL.

12 point composite sample

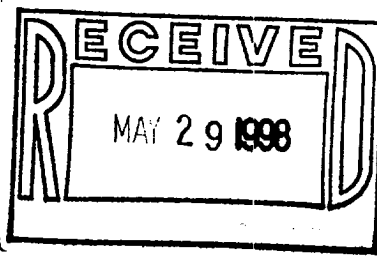


ASSAIGAI ANALYTICAL LABORATORIES, INC.

7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, E-5 • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

APACHE CORPORATION
attn: JEFF CROSS
2855 SOUTHSIDE RIVER RD STE A
FARMINGTON, NM 87401-7947



* explanation of codes

| | |
|-----|----------------------------------|
| B | analyte detected in Method Blank |
| E | result is estimated |
| H | analyzed out of hold time |
| N | tentatively identified compound |
| S | subcontracted |
| 1-9 | see footnote |

Assaigai Analytical Laboratories, Inc. Certificate of Analysis

Client: APACHE CORPORATION
Project: 9805213 JICARILLA

William P. Biava
William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Client Sample ID: JAT 125 #8 CELL #1 Sample Matrix: SOIL Sample Collected: 05/21/98 09:45:00

| Fraction | QC Group | CAS # | Result | Units | Dilution Factor | Detection Limit * | Sequence | Run Date |
|---------------------------|----------|----------|-----------------------|-------|-----------------|-------------------|----------|----------------|
| SW846-8010/8020 Volatiles | | | | | | | | |
| 9805213-01A | X98288 | 71-43-2 | Benzene | ND | mg / Kg | 50 | 0.005 | 05/22/98 |
| | X98288 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 50 | 0.005 | XG. 1998.483-6 |
| | X98288 | 95-47-6 | o-Xylene | ND | mg / Kg | 50 | 0.005 | XG. 1998.483-6 |
| | X98288 | | P/M-Xylenes | ND | mg / Kg | 50 | 0.01 | XG. 1998.483-6 |
| | X98288 | 108-88-3 | Toluene | ND | mg / Kg | 50 | 0.005 | XG. 1998.483-6 |
| SW846-8015 Modified TPH | | | | | | | | |
| 9805213-01B | X98289 | | Diesel Range Organics | ND | mg / Kg | 25 | 25 | 05/23/98 |

Client Sample ID: JAT 125 #8 CELL #2 Sample Matrix: SOIL Sample Collected: 05/21/98 09:55:00

| Fraction | QC Group | CAS # | Result | Units | Dilution Factor | Detection Limit * | Sequence | Run Date |
|---------------------------|----------|----------|-----------------------|-------|-----------------|-------------------|----------|----------------|
| SW846-8010/8020 Volatiles | | | | | | | | |
| 9805213-02A | X98288 | 71-43-2 | Benzene | ND | mg / Kg | 50 | 0.005 | 05/22/98 |
| | X98288 | 100-41-4 | Ethylbenzene | ND | mg / Kg | 50 | 0.005 | XG. 1998.483-7 |
| | X98288 | 95-47-6 | o-Xylene | ND | mg / Kg | 50 | 0.005 | XG. 1998.483-7 |
| | X98288 | | P/M-Xylenes | ND | mg / Kg | 50 | 0.01 | XG. 1998.483-7 |
| | X98288 | 108-88-3 | Toluene | ND | mg / Kg | 50 | 0.005 | XG. 1998.483-7 |
| SW846-8015 Modified TPH | | | | | | | | |
| 9805213-02B | X98289 | | Diesel Range Organics | ND | mg / Kg | 25 | 25 | 05/24/98 |





7300 JEFFERSON, N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 345-8964

Lab / ob no.: 5213 Date: 6/22/98

3332 WEDGEWOOD
EL PASO, TEXAS 79925
(915) 593-6000

Page _____ of _____

Client, Apache Corporation

Address 2855 Southside River RD, Ste. A Telephone No. (505) 774-6643

City/State/Zip Farmington, NM 87401-7947 Fax No. (505) 774-6624

Project Name / Number _____

Contract / Purchase Order / Quote _____

[illegible]

LABORATORY