BlowBJSIZ

## JICARILLA APACHE TRIBE SENVIRONMENTAL PROTECTION OFFICE P.O. BOX 507

DULCE, NEW MEXICO 87528

NATURAL RESOURCE DEPT

SUBMIT 1 COPY TO

ECEIVED AUG 2 7 1000

## PIT REMEDIATION AND CLOSURE REPORT

\_\_\_\_\_\_Telephone: (50\$) 16 200 Operator: AMOCO PRODUCTION COMPANY Address: 200 Amoco Court, Farmington, NM 87401 Facility or Well Name: JICARILLA & 35 C # 18 Unit or Qtr/Qtr Sec\_ 7 Sec\_ 2 TZ4N R SW County RW ARRIBA Location: Separator\_\_\_\_ Dehydrator\_\_\_ Other\_ & w Pit Type: RANGE Land Type:\_ \_\_\_ length 60', width 70', depth 5' Pit dimensions: Pit Location: (Attach diagram) Reference: wellhead X , other \_\_\_\_\_ Footage from reference: /95' Direction from reference: 38 Degrees \_\_\_\_ East North South \_\_X → West (20 points) Less than 50 feet **Depth To Groundwater:** 50 feet to 99 feet (10 points) (Vertical distance from ( 0 points) Greater than 100 feet contaminants to seasonal high water elevation of groundwater) (10 points) Less than 100 feet 10 Distance to an Ephemeral Stream ( 0 points) Greater than 100 feet (Downgradient dry wash greater than ten feet in width) (10 points) Less than 100 feet Distance to Nearest Lake, Playa, or Watering Pond ( 0 points) Greater than 100 feet (Downgradient lakes, playas and livestock or wildlife watering ponds) (20 points) Yes Wellhead Protection Area: ( 0 points) No (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources) (20 points) Less than 100 feet Distance To SurfaceWater: (10 points) 100 feet to 1000 feet (Horizontal distance to perennial (0 points) Greater than 1000 feet lakes, ponds, rivers, streams, creeks, irrigation canals and ditches) 10 RANKING SCORE (TOTAL POINTS):

| Date Remediation Sta   | arted: Date   | Completed: 12/17/97                    |
|--|---|--|
| Remediation Method:  | Excavation $\nearrow$ Approx.   | cubic yardsNA                          |
| ck all appropriate   |   | Bioremediation                         |
| sections)  | Other   |  |
|  | X ossiv   |  |
| Remediation Location (i.e. landfarmed onsite, name and location of offsite facility) |   |  |
| General Description  | of Remedial Action: Excavation  |  |
| Groundwater Encoun   | tered: No X Yes Dept  | h                                      |
| Final Pit: Closure Sampling: (if multiple samples,                                   | Sample location see Attached Docume   |  |
| attach sample results<br>and diagram of sample                                       | Sample depth 15' (TEST HOLE #   | 1)                                     |
| locations and depths)  | Sample date 12(15/97  | Sample time 0955                       |
|  | Sample Results  Soil: Benzene (ppm)   | Water: Benzene (ppb)                   |
|  |   | Toluene (ppb)                          |
|  |   | Ethylbenzene (ppb)                     |
|  | Field Headspace (ppm) 0.0  TPH (ppm) 7.0  | Total Xylenes (ppb)                    |
| Groundwater Sampl  | le: Yes No X (If yes, at  | ttach sample results)                  |
|  | Y THAT THE INFORMATION ABOVE IS TRUBELIEF                                       | JE AND COMPLETE TO THE BEST OF M       |
| DATE   | PRINTED NAME B  | uddy D. Shaw                           |
| B. COLLEGE BY DE BY  | $\Omega(0, \Lambda)$ AND TITLE $\underline{E}$                                  | nvironmental Coordinator               |
| AFTER REVIEW O   | OF THE PIT CLOSURE INFORMATION, PIT C<br>LA APACHE TRIBE PIT CLOSURE ORDINANCE. | LOSURE IS APPROVED IN ACCORDANC<br>CE. |
| APPROVED: YES  | NO (REASON)   |  |
| SIGNED:  | DATE: 1-6   | 6-98                                   |

3003922170 LOCATION NO BJS12 BLAGG ENGINEERING, INC. CLIENT: AMOCO P.O. BOX 87, BLOOMFIELD, NM 87413 C.O.C. NO: 5657 (505) 632-1199 FIELD REPORT: CLOSURE VERIFICATION PAGE No: / of / DATE STARTED: 12/15/97 LOCATION: NAME: JICA. 60 35 C WELL #: 15 PIT: BLOW DATE FINISHED: QUAD/UNIT: J SEC: Z TWP: Z4N RNG: 5W PM: NM CNTY: RA ST:NM ENVIRONMENTAL NU SPECIALIST: DIE/FOUTAGE: NW/4 SE/4 CONTRACTOR: P+5 EXCAVATION APPROX. NA FT. X NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: 00-51TE REMEDIATION METHOD: LANDERSMED LAND USE: RANGE LEASE: SWI4247, FORMATION: DK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>195</u> FT. <u>538</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >100 NEAREST SUPFACE WATER: NMOCD PANEING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM ✓ PIT ABANDONED \_\_\_ STEEL TANK INSTALLED SOIL AND EXCAVATION DESCRIPTION: \_\_\_ FIBEPÜLASS TANK INSTALLED NO APPARENT STRINING OR HE DOOR DESERVED WIN PIT PREM OR TEST HOLES NO APPARENT HE ODOR IN ANY OF THE OUM JAMPLES. DRY WASH TO THE WEST OF PIT < 100' IN DISTANCE & >10' WINTH. FIELD 418.1 CALCULATIONS SAMPLE I.D. LAB No: WEIGHT (g) mL. FREON DILUTION READING CALC. ppm CLOSED SCALE FΤ PIT PROFILE OVM PIT PERIMETER 1 RESULTS FIELD HEADSPACE PIO (ppm) PIT BOTTOM 0.0 6' BELOW GLADE C121 NOT APPLICABLE 10 LAB SAMPLE ANALYSIS De15' TPH(418.1) 0955 4' BELOW GRADE TRAVEL NOTES: CALLOUT: 12/11-197 - AFTER. ONSITE: 12/15/97 - MORN.

| CLIENT: AMOCO   | BLAGG ENGINEEF<br>P.O. BOX 87, BLOOMFII<br>(505) 632-   | ELD, NM 87413                                   | C.O.C. NO: <u>87572</u> |
|---|---|---|-------------------------|
| DIELD REPOI   | RT: CLOSURE VE  | <u></u>   | PAGE No:/ of _/_        |
|   |   |   | DATE STARTED: /2/15/97  |
| LOCATION: <u>NAME: JICA.</u>                              | 60 35 CWELL #: 1E   | PIT: JET STAM                                   | DATE FINISHED:          |
| QUAD/UNIT: J SEC: Z                                       | TWP: 240 RNG: 5W PM:N   | + S   | ENVIRONMENTAL NV        |
| EXCAVATION APPROX3  DISPOSAL FACILITY:                    | 5 FT. x 20 FT. x 23  00-5175 RE  LEASE: 565   | FT. DEEP. CUBIC<br>EMEDIATION METHO<br>E4247 FO | RMATION:DK              |
| FIELD NOTES & REMA  | RKS: PIT LOCATED APPROXIMA  OD NEAPEST WATER SOURCE: > 1  NMOCD TPH CLOSURE STD: 500  | ATELY 175 FT. 1                                 | N83W_ FROM WELLHEAD.    |
| POSSIBLE STRING (NORTH - 7 THING I WEST - 6 T EXCEPT EAST | HICK BET. 18-23' HC OD  FIEL  FIEL  BET. 18-23'  HICK BET. 18-23'  FIEL  FIEL | - WOLLOW STIENS                                 |                         |
| SCALE  O FT  PIT PERIM                                    | TIME SAMPLE U.D. LAB NO:  OVM RESULTS   | WEIGHT (g) ML FREON                             |                         |
| A D   | 78  | ,5  | Zo' A Z3'               |
| 351   | LAB SAMPL  SAMPLE ANALYSIS  DEZO'TPH (5TG  (SUIS)   | TIME  | POSSIBLE<br>STAIMING    |
| TRAVEL NOTES: CALLO                                       | UT: 12/11/97 - AFTER. 0   | NSITE: 12/15/97-MOI                             | ∞.                      |



## EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

| Client:              | Blagg / AMOCO   | Project #:       | 04034-10  |
|----------------------|-----------------|------------------|-----------|
| Sample ID:           | 1 @ 15'         | Date Reported:   | 12-17-97  |
| Laboratory Number:   | C700            | Date Sampled:    | 12-15-97  |
| Chain of Custody No: | 5657            | Date Received:   | 12-16-97  |
| Sample Matrix:       | Soil            | Date Extracted:  | 12-17-97  |
| Preservative:        | Cool            | Date Analyzed:   | 12-17-97  |
| Condition:           | Cool and Intact | Analysis Needed: | TPH-418.1 |

|           |               | Det.    |
|-----------|---------------|---------|
|           | Concentration | Limit   |
| Parameter | (mg/kg)       | (mg/kg) |

**Total Petroleum Hydrocarbons** 

7.0

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

Jicarilla GC 35 C #1E Blow Pit.

leur L. Queux Stacy W Sendler
Review

B1215

# 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: AMOCO PRODUCTION COMPANY  | <b>Telephone</b> : (505)326-9200   |
|---|--|
|   |  |
| Address: 200 Amoco Court, Farmington, 1   |  |
| Facility or Well Name: JICARILLA GC 3   |  |
| Location: Unit or Qtr/Qtr Sec Sec T_2   |  |
| Pit Type: Separator Dehydrator Other  |  |
| Land Type: RANGE  |  |
|   | 35', width_ Zo', depth_ Z3'  |
| (Attach diagram)  Reference: wellhead X,  | other  |
| Footage from reference:   | <u>s'</u>  |
| Direction from reference:   | Degrees East North of West South   |
|   | of West South  |
|   |  |
| Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)                               | Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)      |
| Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)  | Less than 100 feet (10 points) Greater than 100 feet (0 points)                                    |
| Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)                   | Less than 100 feet (10 points) Greater than 100 feet (0 points)                                    |
| Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources) | Yes (20 points)  |
| Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)         | Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points) |
|   | RANKING SCORE (TOTAL POINTS): 10   |

|  | 7 Completed 17 17 197   |
|--|---|
| Date Remediation Sta   | rted: Date Completed:   |
| Remediation Method:  | Excavation Approx. cubic yards  |
| ck all appropriate secuons)  | Landfarmed Insitu Bioremediation  |
|  | Other   |
| Remediation Location:<br>(i.e. landfarmed onsite,<br>name and location of<br>offsite facility) |   |
| General Description of   | of Remedial Action: Excavation. APPLIED FERTILIZER TO WEST  |
|  | tered: No X Yes Depth   |
| Groundwater Encoun   | tered: No X les Depti   |
| Final Pit: Closure Sampling: (if multiple samples,   | Sample locationsee Attached Documents   |
| attach sample results<br>and diagram of sample   | Sample depth  |
| locations and depths)  | Sample date   Sample time /020  |
|  | Sample Results  |
|  | Soil: Benzene (ppm) 5.0607 Water: Benzene (ppb)   |
|  | Total BTEX (ppm) 13-990 Toluene (ppb)   |
|  | Field Headspace (ppm) 181.4 Ethylbenzene (ppb)  |
|  | TPH (ppm) 3938 Total Xylenes (ppb)  |
| 11   | : Yes No (If yes, attach sample results)  |
| I HEREBY CERTIFY<br>KNOWLEGE AND B   | THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY ELIEF                                 |
| DATE13   | PRINTED NAME Buddy D. Shaw  |
| SIGNATURE BUS  | ly D. Shaw AND TITLEEnvironmental Coordinator   |
| AFTER REVIEW OF  | THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE APPACHE TRIBE PIT CLOSURE ORDINANCE. |
| APPROVED: YES_   | NO X (REASON) conditional closure   |
| SIGNED:  | DATE: 1-6-98  |



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

| Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative: Condition: | Blagg / AMOCO 4 @ 20' C701 5657 Soil Cool Cool and Intact | Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed: Analysis Requested: | 04034-10<br>12-17-97<br>12-15-97<br>12-16-97<br>12-16-97<br>12-16-97<br>8015 TPH |
|--|---|---|--|
|--|---|---|--|

| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | 933                      | 0.2                      |
| Diesel Range (C10 - C28)     | 3,005                    | 0.1                      |
| Total Petroleum Hydrocarbons | 3,938                    | 0.2                      |

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Jicarilla GC 35 C #1E Separator Pit. Comments:

Deur L. Ogiecen

Review Stary W Sender



## EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

| Client: Sample ID: Laboratory Number: Chain of Custody: Sample Matrix: Preservative: Condition: | Blagg / Amoco<br>4 @ 20'<br>C701<br>5657<br>Soil<br>Cool<br>Cool & Intact | Project #: Date Reported: Date Sampled: Date Received: Date Analyzed: Date Extracted: Analysis Requested: | 04034-10<br>12-17-97<br>12-15-97<br>12-16-97<br>12-16-97<br>12-16-97<br>BTEX |
|---|---|---|--|
|---|---|---|--|

| Darameter              | Concentration (ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|------------------------|-----------------------|--------------------------|
| Parameter              | (43,113)              |                          |
| Barrana                | 60.7                  | 8.8                      |
| Benzene                | 7,510                 | 8.4                      |
| Toluene                | ND                    | 7.6                      |
| Ethylbenzene           | 2,370                 | 10.8                     |
| p,m-Xylene<br>o-Xylene | 4,050                 | 5.2                      |
| Total BTEX             | 13,990                |                          |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter          | Percent Recovery |
|-----------------------|--------------------|------------------|
|                       | Trifluorotoluene   | 99 %             |
|                       | Bromofluorobenzene | 99 %             |

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 GC 35 C #1E Separator Pit.

Aleu L. apeen

Review Sender

# CHAIN OF CLISTODY RECORD

|                    |          |   |                     | 3                        | ECH                      | FOVIDOTECH IOC       |                           |                |                |                               |  |
|--------------------|----------|---|---------------------|--------------------------|--------------------------|----------------------|---------------------------|----------------|----------------|-------------------------------|--|
|                    |          |   | ature)              | y: (Signatu              | Received by: (Signa      |                      |                           |                | e)             | Relinquished by: (Signature)  |  |
|                    |          | •   | (er                 | Received by: (Signature) | Received b               |                      |                           |                | 9              | Retinquished by: (Signature)  |  |
| 12-16-82 07.26     |          | sterci  | 76                  | 221                      | all                      | 12/16/97 0726        |                           |                | , Vel          | Mar                           |  |
| Date Time          |          | ا ر   | rue)                | y: (Signatu              | Received by: (Signature) | Date Time            |                           |                | )              | Relinquished by: (Signature)  |  |
|                    | DUA      | MACI  | con d               |                          | (Baloos)                 | SAMPLES KE           |                           |                |                |                               |  |
|                    |          |   |                     |                          | J                        |                      |                           |                |                |                               |  |
|                    |          |   |                     |                          |                          |                      |                           |                |                |                               |  |
|                    |          |   |                     |                          |                          |                      |                           |                |                |                               |  |
| THEN RUN BIEX      | THE      |   |                     |                          |                          |                      |                           |                |                |                               |  |
| 1× 1/A1 < 5000 pp. | ì        |   |                     |                          |                          |                      |                           |                |                |                               |  |
| T SEPARATER PIT    | 形        | 1   | <                   | /                        |                          | 2012                 | CTOI                      | 020            | re/15/97       | (4) @ 20'                     |  |
|                    |          |   |                     |                          |                          |                      |                           |                |                |                               |  |
| 810m PT            | Si.      | <u> </u>                                      |                     |                          |                          | 2012                 | CJOO                      | 2560           | 2560 (6/51/21  | O @ 15'                       |  |
| RESERV COOL        | Ø.       | (4)   | 6                   | -                        | _                        | Sample<br>Matrix     | Lab Number                | Sample<br>Time | Sample<br>Date | Sample No./<br>Identification |  |
| TH SAMPLES         | 807      | РН<br>18.                                     | 76 020<br>PH<br>18. | ليم                      | No. of                   | í                    | 04037-10                  |                | 1              | 1 ( Show "                    |  |
| Remarks            |          | <u>.)                                    </u> | ×<br>j              | -                        |                          | - <del>5</del>       | Chain of Custody Tape No. |                |                | Sampler: (Signature)          |  |
|                    |          |   |                     |                          | W                        | GC 35 C #/E          | TICARILLA G               |                | gmoco          | BLAGG / H                     |  |
|                    | RAMETERS | ANAI YSIS/PARAMETERS                          |                     |                          |                          |                      | Project Location          |                |                | Client/Project Name           |  |
|                    |          |   | ORD                 | RECO                     | ODY                      | CHAIN OF CUSTODY REC | C                         |                |                |                               |  |

ENVIROTECH INC. 5796 U.S. Highway 64-3014 Farmington, New Mexico 87401 (505) 632-0615

BJ512

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

SUBMIT 1 COPY TO

NATURAL RESOURCE DEPI

AND OIL & GAS ADMINISTRATION

## ON-SITE SOIL REMEDIATION REPORT

|   | COMPANY       | Telephone: (505) 326-9200  |
|---|---------------|--|
| Operator: AMOCO PRODUCTION                        | COMPANI       | Telephone: (505) 326-9200  |
| Address: 200 Amoco Court,                         | Farmington,   | NM 87401   |
| Facility or Well Name:                            | CARILLA GC    | 35 C #1E   |
| racinty of view ramon                             |               | HN RSW County RIO ARRIBA   |
| 1   |               |  |
| Land Type: RANGE                                  |               | , /  |
| D. A. Barriad                                     | 12/15/97      | Date Completed: 9/10/98  Approx. cubic yards 500                 |
| Date Remediation Stated.                          | ×             | Approx. cubic yards 500  |
| Remediation Method: Landfarmed                    |               |  |
| Composted   |               |  |
| Other   |               |  |
| Vepth To Groundwater:                             | (pts.)        | Final Closure Sampling:  |
| -   | 0             | Sampling Date: <u> </u>  |
| Distance to an Ephemeral Stream                   |               | Sample Results:  |
| Distance to Nearest Lake, Playa, or Watering Pond | (pts.)        | Field Headspace (ppm)  |
| Wellhead Protection Area:                         | (pts.)        | TPH (ppm) 1,450 Method 8015                                      |
| Distance To SurfaceWater:                         | (pts.)        |  |
| Distance to Surface water.                        | -             | Other  |
| RANKING SCORE (TOTAL POI                          | NTS):         | TO THE DEST OF MY  |
| I HEREBY CERTIFY THAT THE INF                     | ORMATION ABOV | E IS TRUE AND COMPLETE TO THE BEST OF MY                         |
| KNOWLEGE AND BELIEF                               |               |  |
| DATE 9/10/98                                      | PRINTED       | NAME Buddy D. Shaw   |
| RUDATE BURGALAN                                   | Should        | NAME Buddy D. Shaw AND TITLE Environmental Coordinator           |
| SIGNATURE JULIAN SI                               |               | DEMENDIATION IS APPROVED IN                                      |
| HACCORDANCE TO THE JICANIELLA                     | 7111011-      | MATION, ON-SITE REMEDIATION IS APPROVED IN IT CLOSURE ORDINANCE. |
| APPROVED: YES NO                                  | (REASON)      |  |
| SIGNED: Ker Man                                   | DATI          | E: <u>10-1-98</u>  |

| CLIENT  | AMOCO |
|---------|-------|
| CLILITI |       |

## BLAGG ENGINEERING, INC. LOCATION NO. 87512 P.O. BOX 87, BLOOMFIELD, NM 87413

| (505) 6   | 332-1199   | C.D.C. ND: <b>_6/1/</b>   |
|---|--|---------------------------|
| FIELD REPORT: LANDFARM/COMP   |  | VERIFICATION              |
| LOCATION: NAME: JICA. GC 35 C WELL #: 16  |  | DATE STARTED: 9/8/98      |
| QUAD/UNIT: J SEC: 2 TWP: 240 RNG: Sw  | PM: Nm CNTY: RA ST: Nm   | DATE FINISHED:            |
| OTR/FOOTAGE: NW/4 SE14 CONTRACTOR:  |  | ENVIRONMENTAL SPECIALIST: |
| SOIL REMEDIATION:   |  |                           |
| REMEDIATION SYSTEM: LANGTER.  | APPROX. CUBIC Y  | 'ARDAGE:SOO               |
| LAND USE: ZANGE   | LIFT DEPTH (ft):   | 0.5-1'                    |
|   |  |                           |
| DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE:   | > 1000 NEAREST SURFAC  | E WATER: >1000'           |
| DEPTH TO GROUNDWATER: >100 NEAREST WATER SHOREE   | 12/15/9  | 7                         |
| NMOCD RANKING SCORE: NMOCI TPH CLOSURE STD:   | SEND TO SILTY TRAD   | NON COHESIVE              |
| SOIL CONSISTED OF DR. YELL. DIRNER TO STORE STORES AND STREET MOIST, FIRM, PAROFIM CIRE STORES SAMPLING DEPTHS LONGE FROM 6" TO | ITING A AREA ENCOMPASS   | SING SAMPLANG PT. (3)     |
| SAMPLING DEPTHS LANGE FROM 6" TO  | 8", COLLETED 5 PT. Com   | POSITE SAMPLE             |
| FOR LAB ANALYSIS.   |  |                           |
| CLOSED  | THE STATE OF THE S |                           |
| FIELD 418.  SAMP. TIME SAMPLE I.D. LAB No: WEIGHT   | 1 CALCULATIONS  (a) ml FREON DILUTION READIN   | NG CALC. ppm              |
| SAMP. TIME SAMPLE T.D. LAB NO. WEIGHT   | (9)  |                           |
|   |  |                           |
|   |  |                           |
|   |  |                           |
| A LOCATIONS   |  |                           |
| SKETCH/SAMPLE LOCATIONS PA  |  |                           |
|   |  |                           |
| 3 3 3 50  | OVM RESULTS  | LAB SAMPLES               |
|   | SAMPLE FIELD HEADSPACE SAMPLE ID ID ID   | E ANALYSIS TIME RESULTS   |
| Samile PT.  | LF-1 0.0 LF-1  | (8)15) 0950 1,450         |
| LESIGNATON METER  |  |                           |
| 125   |  |                           |
| 135 -1  |  |                           |
| HEAD • 3 \ 90'  |  |                           |
|   |  |                           |
| 59'   | SCALE  |                           |
| BERM STAININE   |  |                           |
| BERM STAININE   | O FT   |                           |
| TRAVEL NOTES: CALLOUT:  | ONSITE: 9/8/98 - M   | now.                      |



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

0.1

0.2

| Client:              | Blagg / AMOCO   | Project #:              | 04034-10      |
|----------------------|-----------------|-------------------------|---------------|
| Sample ID:           | LF - 1          | Date Reported:          | 09-10-98      |
| Laboratory Number:   | D911            | Date Sampled:           | 09-08-98      |
| Chain of Custody No: | 6199            | Date Received:          | 09-08-98      |
| Sample Matrix:       | Soil            | Date Extracted:         | 09-10-98      |
| Preservative:        | Cool            | Date Analyzed:          | 09-10-98      |
| Condition:           | Cool and Intact | Analysis Requested:     | 8015 TPH      |
|                      |                 |                         |               |
|                      |                 | oncentration            | Det.<br>Limit |
| Parameter            |                 | oncentration<br>(mg/Kg) |               |

ND - Parameter not detected at the stated detection limit.

References:

Diesel Range (C10 - C28)

**Total Petroleum Hydrocarbons** 

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

1,410

1,450

SW-846, USEPA, December 1996.

Comments:

Jicarilla GC 35 C #1E Landfarm. 5 Pt. Composite.

Aleurh · Gue

Stacy W Sendler

# CHAIN OF CUSTODY RECORD

| Cool - Ice/Blue Ice |                          | (505) 632-0615       |                  |           |                |                              |
|---------------------|--------------------------|----------------------|------------------|-----------|----------------|------------------------------|
| Received Intact     | phway 64                 | 5796 U.S. Highway 64 |                  |           |                |                              |
| ۲<br>2              |                          |                      |                  |           |                | 7                            |
| Sample Receipt      | CHINC                    | ENVIROTECH I         |                  | 6196-6200 |                | Rap coc's                    |
|                     | Received by: (Signature) | Rece                 |                  |           | nature)        | Relinquished by: (Signature) |
|                     | Received by: (Signature) |                      |                  |           | ature) (       | Relinquished by: (Signature) |
| Date Time           | Received by: (Signature) | Date Time Rece       |                  |           | ature)         | Relinquished by: (Signature) |
|                     |                          |                      |                  |           |                |                              |
|                     |                          |                      |                  |           |                |                              |
|                     |                          |                      |                  |           |                |                              |
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| S PT. COMPOSITE     |                          | 2016                 | 1160             | 0950      | 9/8/98 0950    | 1-47                         |
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|                     | lo. of ntainer           | 1-10                 | 01-15070         |           |                | VTV                          |
| Remarks             |                          |                      |                  |           |                | Sampler:                     |
| ETERS               | ANALYSIS / PARAMETERS    | 60 35 C #/E          | JICARIWA 6       |           | Amoeo          | 81A66/                       |
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