

District I
P.O. Box 1980, Hobbes, NM

District II
P.O. Drawer DD, Artes, NM 88211

District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resource Department

OIL CONSERVATION DIVISION
P.O. Box 2089
Santa Fe, New Mexico 87504-2089

RECEIVED
OCT - 7 1999

Blow - OK
Sep - OK
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE
(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

DIST. 3

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9219
Address: 200 AMOCO COURT, FARMINGTON, NM 87401
Facility Or: STANOLIND A #1A
Well Name _____
Location: Unit or Qtr/Qtr Sec SW/SE 0 Sec 29 T 31 R 12 County SAN JUAN
Pit Type: Separator _____ Dehydrator _____ Other BLOW DOWN
Land Type: BLM XX State _____ Fee _____ Other _____

Pit Location: Pit dimensions: Length 47 width 43 depth 14
(Attach diagram)
Reference: wellhead _____ Other _____ See Attached
Footage from reference: _____
Direction from reference: _____ Degrees _____ East North _____
of
_____ West South _____

| | | | |
|--------------------------|-----------------------|-------------|----------|
| Depth To Ground Water: | Less than 50 feet | (20 points) | |
| (Vertical Distance from | 50 feet to 99 feet | (10 points) | |
| contaminants to seasonal | Greater than 100 feet | (0 points) | <u>0</u> |
| high water elevation of | | | |
| ground water) | | | |

| | | | |
|---|-----|-------------|----------|
| Wellhead Protection Area: | Yes | (20 points) | |
| (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 200 feet | (20 points) | |
| (Horizontal distance to perennial | 200 feet to 1000 feet | (10 points) | |
| lakes, ponds, rivers, streams, creeks, | Greater than 1000 feet | (0 points) | <u>0</u> |
| irrigation canals and ditches) | | | |

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 06/26/94 Date Completed: 06/27/94
Remediation Method: Excavation XX Approx. cubic yards 1047

Landfarmed _____ Insitu Bioremediation _____

Other _____

Remediation Location: Onsite XX Offsite _____
(ie. landfarmed onsite,
name and location of
offsite facility)

General Description of Remediation Action: _____

CONTAMINATION WAS REMEDIATED BY DILUTION AND AERATION.

Ground Water Encountered: No _____ Yes _____ Depth _____

Final Pit:
Closure Sampling: Sample location See Attached

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

Sample depth 14

Sample date 06/26/94 Sample time 04:00:00

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) 0.0 @ 14' 11/4/97 mv

TPH 505

Ground Water Sample: Yes _____ No XX (If yes, attach sample results)

I HEREBY CERTIFY THAT INFORMATION ABOVE IS TRUE AND COMPLETE

TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 11/24/95 5/25/98 mv

SIGNATURE

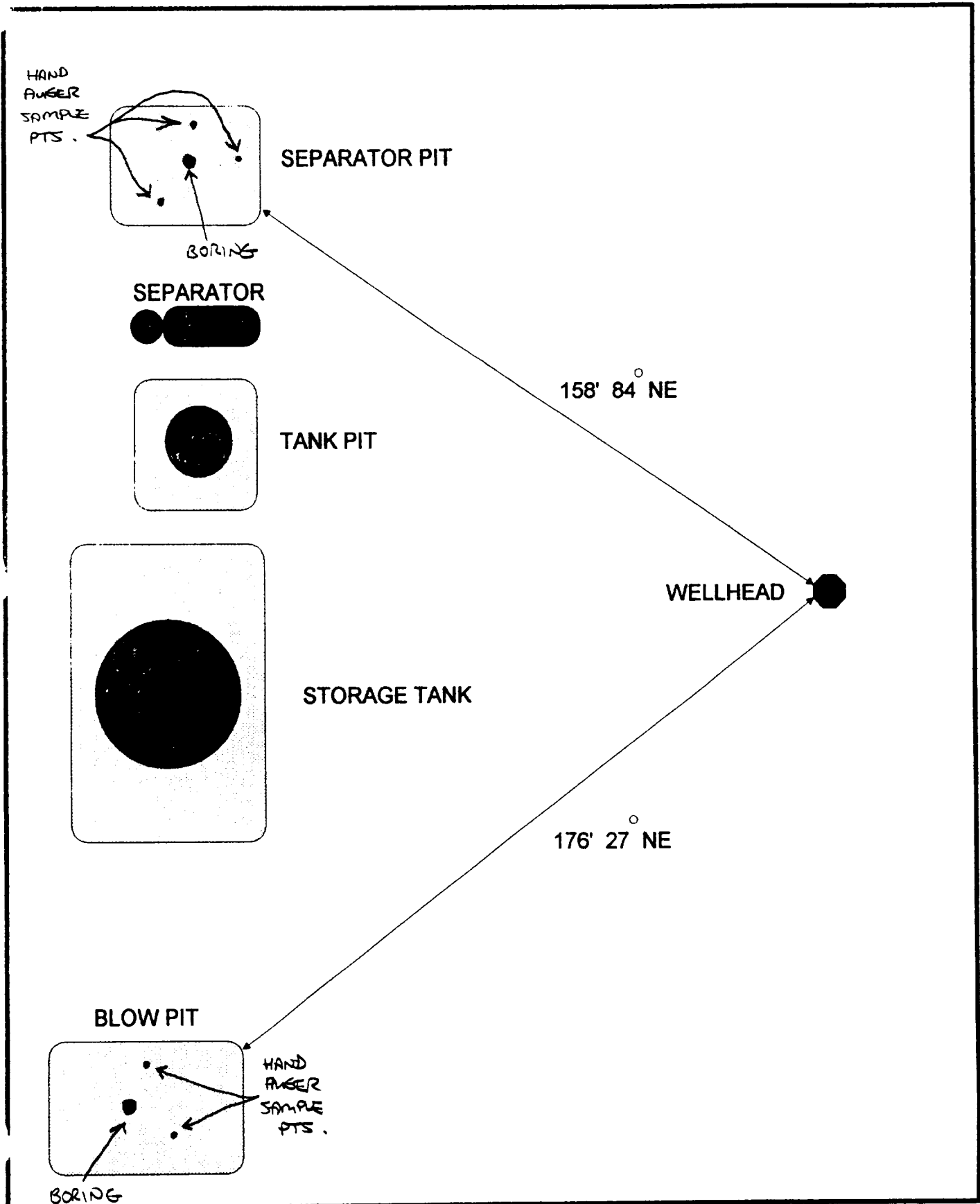
BS Shaw

PRINTED NAME
AND TITLE

Environmental
Coordinator

AMOCO PRODUCTION COMPANY

STANOLIND A #1A



FINAL PIT CLOSURE SAMPLING REPORT

OPERATOR : AMOCO PRODUCTION COMPANY

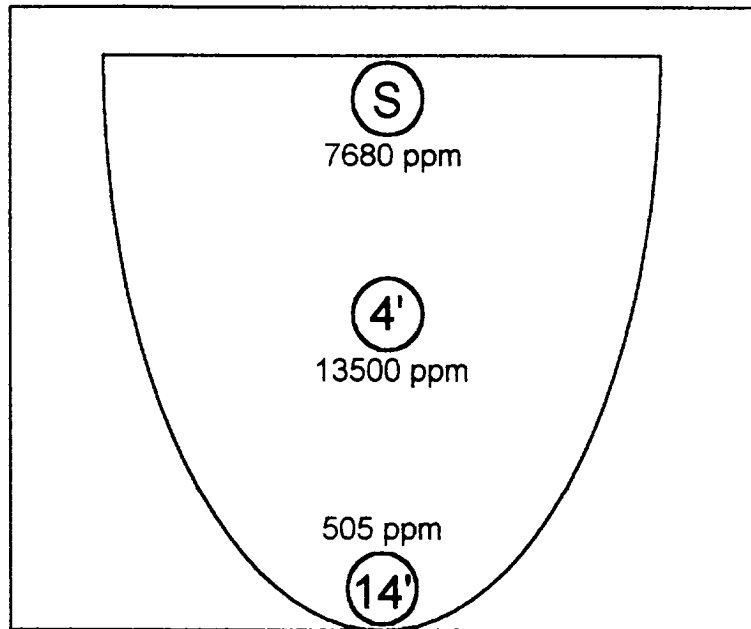
ADDRESS : 200 AMOCO COURT FARMINGTON, NM

WELL NAME
OR FACILITY : STANOLIND A #1A

PIT TYPE : BLOW PIT LEGALS : SW/SE SEC.29 T31N R12W

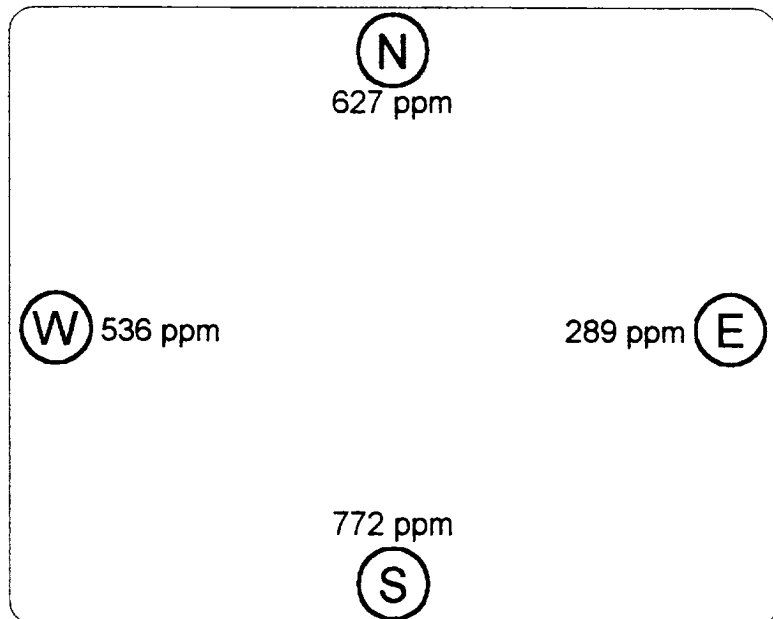
| DEPTH | TPH/PPM |
|---------|---------|
| SURFACE | 7680 |
| 4' | 13500 |
| 8' | 4230 |
| 14' | 505 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

SIDE VIEW



TOP VIEW

| WALL | DEPTH | TPH/PPM |
|-------|-------|---------|
| NORTH | 10' | 627 |
| WEST | 10' | 536 |
| SOUTH | 10' | 772 |
| EAST | 10' | 289 |



| | | |
|----------------------|--|--|
| CLIENT: <u>AMOCO</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION: <u>WEE</u> C.D.C. NO: <u>5426</u> |
|----------------------|--|--|

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

| | |
|---|---|
| LOCATION: NAME: <u>STANOUNG</u> A WELL #: <u>1A</u> PITS: <u>BLOW</u> QUAD/UNIT: <u>0 SEC: 29 TWP: 31N RNG: 12W PM: NM CNTY: ST ST: NM</u> QTP/FOOTAGE: <u>SW14 SE14</u> CONTRACTOR: <u>WHOLE EARTH</u> | DATE STARTED: <u>11/4/97</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV/JCB</u> |
|---|---|

SOIL REMEDIATION:

REMEDICATION SYSTEM: DILUTION + AERATION

APPROX. CUBIC YARDAGE: 1,047

LAND USE: RANGE

LIFT DEPTH (ft): NA

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOCOD RANKING SCORE: 0 NMOCOD TPH CLOSURE STD: 5000 PPM

BORING CONDUCTED @ PIT CENTER ACCORDING TO PIT CLOSURE RECORD, REACHED 15' DEPTH FROM GRADE, NO DISCOLORATION OR HC ODOR OBSERVED THROUGHOUT BORING, COLLECTED 3 SAMPLE PTS. FROM BORING @ 5', 10' & 14' BELOW GRADE, COLLECTED 2 SAMPLE PTS. USING HAND AUGER IN PIT AREA (2' TO 3' DEPTHS BELOW GRADE), COLLECTED 5 FT. COMPOSITE FOR LAB ANALYSIS OF DILUTED + AERATED SOIL PLACED BACK IN EXCAVATED PIT AREA.

FIELD 418.1 CALCULATIONS

| SAMP. TIME | SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm |
|------------|-------------|---------|------------|-----------|----------|---------|-----------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

SKETCH/SAMPLE LOCATIONS


SEE SITE MAP

OVM RESULTS

LAB SAMPLES

| SAMPLE ID | FIELD HEADSPACE PID (ppm) | SAMPLE ID | ANALYSIS | TIME | RESULTS |
|-----------|---------------------------|-----------|------------|------|---------|
| DA-1 | 0.0 | DA-1 | TPH (8015) | 1435 | ND |
| SE14' | 0.0 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

SCALE

0  FT

TRAVEL NOTES:

CALLOUT: NA

ONSITE: 11/4/97

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

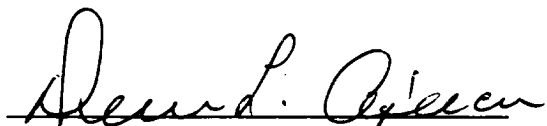
| | | | |
|----------------------|-----------------|---------------------|----------|
| Client: | Blagg / AMOCO | Project #: | 04034-10 |
| Sample ID: | DA - 1 | Date Reported: | 11-06-97 |
| Laboratory Number: | C413 | Date Sampled: | 11-04-97 |
| Chain of Custody No: | 5426 | Date Received: | 11-05-97 |
| Sample Matrix: | Soil | Date Extracted: | 11-05-97 |
| Preservative: | Cool | Date Analyzed: | 11-05-97 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

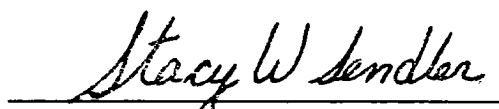
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: Stanolind A #1A Blow Pit 5 Pt. Composite.


Analyst


Review

District I
P.O. Box 1980, Hobbes, NM

State of New Mexico
Energy, Minerals and Natural Resource Department

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE
(Revised 3/9/94)

District II
P.O. Drawer DD, Artes, NM 88211

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

District III
1000 Rio Brazos Rd, Aztec, NM 87410

PIT REMEDIATION AND CLOSURE REPORT

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9219
Address: 200 AMOCO COURT, FARMINGTON, NM 87401
Facility Or: STANOLIND A #1A
Well Name _____
Location: Unit or Qtr/Qtr Sec SW/SE Sec 29 T 31 R 12 County SAN JUAN
Pit Type: Separator XX Dehydrator _____ Other _____
Land Type: BLM XX State _____ Fee _____ Other _____

Pit Location: Pit dimensions: Length 15 width 21 depth 10
(Attach diagram) Reference: wellhead _____ Other _____ See Attached
Footage from reference: _____
Direction from reference: _____ Degrees _____ East North _____
of _____ West South _____

| | | | |
|--------------------------|-----------------------|-------------|----------|
| Depth To Ground Water: | Less than 50 feet | (20 points) | |
| (Vertical Distance from | 50 feet to 99 feet | (10 points) | |
| contaminants to seasonal | Greater than 100 feet | (0 points) | <u>0</u> |
| high water elevation of | | | |
| ground water) | | | |

| | | | |
|---|-----|-------------|----------|
| Wellhead Protection Area: | Yes | (20 points) | |
| (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 200 feet | (20 points) | |
| (Horizontal distance to perennial | 200 feet to 1000 feet | (10 points) | |
| lakes, ponds, rivers, streams, creeks, | Greater than 1000 feet | (0 points) | <u>0</u> |
| irrigation canals and ditches) | | | |

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 06/26/94 Date Completed: 06/26/94
Remediation Method: Excavation XX Approx. cubic yards 116

Landfarmed _____ Insitu Bioremediation _____

Other _____

Remediation Location: Onsite XX Offsite _____
(ie. landfarmed onsite,
name and location of
offsite facility)

General Description of Remediation Action: _____
CONTAMINATION WAS REMEDIATED BY DILUTION AND AERATION.

Ground Water Encountered: No _____ Yes _____ Depth _____

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

Sample location See Attached

Sample depth 10

Sample date 06/26/94 Sample time 03:00:00

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) 10.6 @ 10' 11/4/93 915

TPH 369

Ground Water Sample: Yes _____ No XX (If yes, attach sample results)

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

DATE 11/24/95 5/25/98 915

SIGNATURE

BS Shaw

PRINTED NAME
AND TITLE

Environmental
Coordinator

FINAL PIT CLOSURE SAMPLING REPORT

OPERATOR: AMOCO PRODUCTION COMPANY

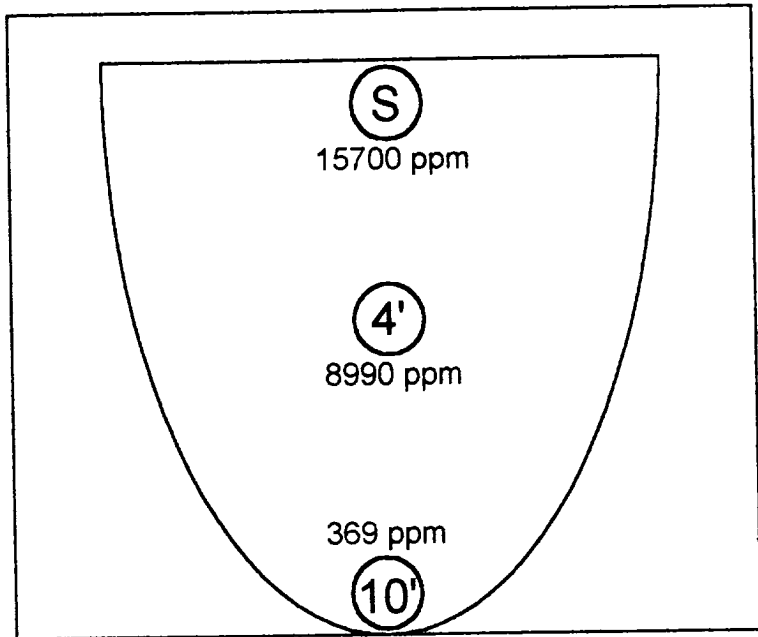
ADDRESS: 200 AMOCO COURT FARMINGTON, NM

WELL NAME
OR FACILITY: STANOLIND A #1A

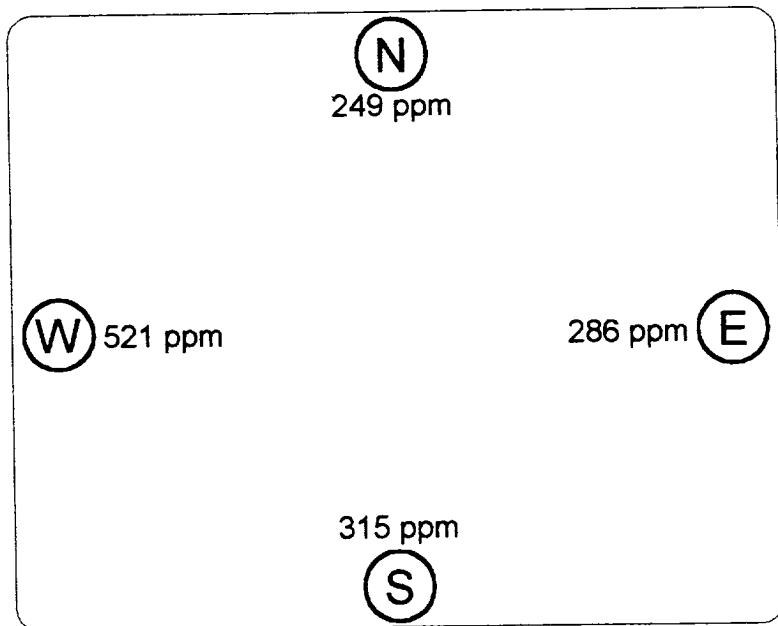
PIT TYPE: SEPARATOR LEGALS: SW/SE SEC.29 T31N R12W

| DEPTH | TPH/PPM |
|---------|---------|
| SURFACE | 15700 |
| 4' | 8990 |
| 8' | 3100 |
| 10' | 369 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

SIDE VIEW



TOP VIEW



| WALL | DEPTH | TPH/PPM |
|-------|-------|---------|
| NORTH | 10' | 249 |
| WEST | 10' | 521 |
| SOUTH | 10' | 315 |
| EAST | 10' | 286 |

| | | |
|----------------------|--|--|
| CLIENT: <u>AMOCO</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>WEE</u> C.E.C. NO <u>5426</u> |
|----------------------|--|--|

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

| | |
|--|--|
| LOCATION: NAME: <u>STANOLIND</u> A WELL #: <u>1A</u> PITS: <u>SEP</u> | DATE STARTED: <u>11/4/97</u> DATE FINISHED: _____ |
| QUAD/UNIT: <u>0</u> SEC: <u>29</u> TWP: <u>31N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> | ENVIRONMENTAL SPECIALIST: <u>NV/JCB</u> |
| QTP/FOOTAGE: <u>SW/4</u> <u>SE/4</u> CONTRACTOR: <u>WHOLE EARTH</u> | |

SOIL REMEDIATION:

REMEDICATION SYSTEM: DILUTION & AERATION

APPROX. CUBIC YARDAGE: 116

LAND USE: RANGE

LIFT DEPTH (ft): NA

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOCB RANKING SCORE: 0 NMOCB TPH CLOSURE STD: 5000 PPM

BORING CONDUCTED @ PIT CENTER ACCORDING TO PIT CLOSURE RECORD, REACHED 10' DEPTH FROM GRADE, NO DISCOLORATION OR HC ODOR OBSERVED THROUGHOUT BORING, COLLECTED 2 SAMPLE PTS. FROM BORING @ 5' & 10' BELOW GRADE, COLLECTED 3 SAMPLE PTS. USING HAND AUGER IN PIT AREA (DEPTHS RANGING FROM 1' TO 3' BELOW GRADE), COLLECTED 5 PT. COMPOSITE FOR LAB ANALYSIS OF DILUTED & AERATED SOIL PLACED BACK IN EXCAVATED PIT AREA.

FIELD 418.1 CALCULATIONS

| SAMP. TIME | SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm |
|------------|-------------|---------|------------|-----------|----------|---------|-----------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

SKETCH/SAMPLE LOCATIONS

SEE SITE MAP

OVM RESULTS

LAB SAMPLES

| SAMPLE ID | FIELD HEADSPACE PID (ppm) | SAMPLE ID | ANALYSIS | TIME | RESULTS |
|-----------|---------------------------|-----------|------------|------|---------|
| DA-1 | 4.9 | DA-1 | TPH (8015) | 1410 | ND |
| @ 10' | 10.6 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

SCALE

0  1 FT

TRAVEL NOTES:

CALLOUT: NA

ONSITE: 11/4/97

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

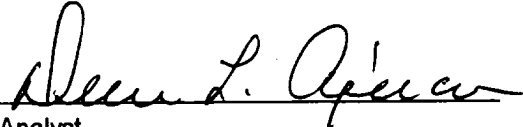
| | | | |
|----------------------|-----------------|---------------------|----------|
| Client: | Blagg / AMOCO | Project #: | 04034-10 |
| Sample ID: | DA - 1 | Date Reported: | 11-06-97 |
| Laboratory Number: | C412 | Date Sampled: | 11-04-97 |
| Chain of Custody No: | 5426 | Date Received: | 11-05-97 |
| Sample Matrix: | Soil | Date Extracted: | 11-05-97 |
| Preservative: | Cool | Date Analyzed: | 11-05-97 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

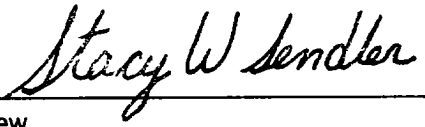
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: **Stanolind A #1A Separator Pit 5 Pt. Composite.**


Analyst


Review

CHAIN OF CUSTODY RECORD

| Client/Project Name | | | Project Location | | | ANALYSIS/PARAMETERS | | | | | | | | | |
|---|-------------|-------------|---------------------------------------|---------------|--|---------------------|--|--|--|-----------------|------------------|--|--|---------|--|
| BAGS / Amoco | | | STANOLIND A # 1A | | | | | | | | | | | | |
| Sampler: (Signature) <i>Alison VLG</i> | | | Chain of Custody Tape No. 04034-10 | | | | | | | | | | | | |
| Sample No./ Identification | Sample Date | Sample Time | Lab Number | Sample Matrix | No. of Containers | | | | | | | | | Remarks | |
| DA-1 | 11/4/97 | 1410 | 2412 | SOIL | 1 | ✓ | | | | | SEPARATE PIT | | | | |
| DA-1 | 11/4/97 | 1435 | 2413 | SOIL | 1 | ✓ | | | | | BROW PIT | | | | |
| | | | | | | | | | | | BOTH SAMPLES | | | | |
| | | | | | | | | | | | RESEAL. - COOL & | | | | |
| | | | | | | | | | | | AKE 5 PT. | | | | |
| | | | | | | | | | | | COMPOSITES. | | | | |
| Samples resealed cool's check | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <i>Alison VLG</i> | | | Date 11/5/97 | Time 0708 | Received by: (Signature) <i>Dean D. Ogleman</i> | | | | | Date 11-5-97 | Time 0708 | | | | |
| Relinquished by: (Signature) | | | | | Received by: (Signature) | | | | | | | | | | |
| Relinquished by: (Signature) | | | | | Received by: (Signature) | | | | | | | | | | |

PDR 200 5424, 5425, 5426, 5427

ENVIROTECH INC.

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



LTR



Job separation sheet

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-104B
March 19, 2001

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 copy of the final affected wells
list along with 1 copy of this form per
number of wells on that list to
appropriate District Office

Change of Operator Name

OGRID: 167067
Effective Date: 6/1/2001

Previous Operator Name and Information:

Name: Cross Timbers Operating Company
Address: 2700 Farmington Ave
Address: Building K, Suite 1
City, State, Zip: Farmington, NM 87401

New Operator Name and Information:

New Name: XTO Energy Inc.
Address: 2700 Farmington Ave
Address: Building K, Suite 1
City, State, Zip: Farmington, NM 87401

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature: 
GARY L. MARKESTAD

Printed name: VICE-PRESIDENT, SAN JUAN REGION

Title: _____

Date: 5/23/01 Phone: 505-324-1090 x-4001



NMOCD Approval

Signature: _____

Printed Name: _____

District: _____

Date: _____