

3R - 22

**GENERAL
CORRESPONDENCE**

YEAR(S):

1995

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
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

GW above limits

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company **Telephone:** (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: GCU com D 160
Well Name

Location: Unit or Qtr/Qtr Sec I Sec 27 T 2N R 12W County SAN JUAN

Pit Type: Separator Dehydrator Other

Land Type: BLM , State , Fee , Other COM. AGMT.

Pit Location: Pit dimensions: length 35', width 23', depth 23'
(Attach diagram)

Reference: wellhead , other

Footage from reference: 164'

Direction from reference: 60 Degrees East North
of
 West South

| | | |
|---|--|-----------|
| Depth 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) | <u>20</u> |
| 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) | |
| | No (0 points) | <u>20</u> |
| Distance 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) | |
| | Greater than 1000 feet (0 points) | <u>10</u> |
| | RANKING SCORE (TOTAL POINTS): <u>50</u> | |

Date Remediation Started: _____ Date Completed: 4/7/95Remediation Method: Excavation Approx. cubic yards 675

(Check all appropriate sections)

Landfarmed _____ Insitu Bioremediation _____

Other COMPOSTEDRemediation Location: Onsite Offsite _____

(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation - GROUNDWATER NOT PUMPED OUT OF PIT.Ground Water Encountered: No _____ Yes Depth 18'Final Pit: Sample location see Attached DocumentsClosure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)Sample depth 18'Sample date 4/5/95 Sample time 0830

Sample Results

Benzene (ppm) 0.0377Total BTEX (ppm) 0.3637

Field headspace (ppm) _____

TPH _____

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 4/7/95SIGNATURE B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
ENVIRONMENTAL COORDINATOR

| | | |
|----------------------|--|---|
| CLIENT: <u>AMOCO</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>80253</u> C.O.C. NO: <u>2922</u> |
|----------------------|--|---|

FIELD REPORT: CLOSURE VERIFICATION PAGE No: 1 of 1

| | |
|--|-------------------------------------|
| LOCATION: NAME: <u>GCM CORP D</u> WELL #: <u>160</u> PIT: <u>SEP</u> | DATE STARTED: <u>4/5/95</u> |
| QUAD/UNIT: <u>I</u> SEC: <u>27</u> TWP: <u>29N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> | DATE FINISHED: _____ |
| DIR/FOUTAGE: <u>NE/4 SE/4</u> CONTRACTOR: <u>P. VELASQUEZ</u> | ENVIRONMENTAL SPECIALIST: <u>NV</u> |

EXCAVATION APPROX. 35 FT. x 23 FT. x 23 FT. DEEP. CUBIC YARDAGE: 675
 DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: COMPOSTED
 LAND USE: RANGE/RESIDENTIAL LEASE: SF-080224 FORMATION: DR

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 164 FT. S60W FROM WELLHEAD.
 DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: <1000' NEAREST SURFACE WATER: <1000'
 NMOC D RANKING SCORE: 50 NMOC D TPH CLOSURE STD: 100 PPM

CHECK ONE:
 PIT ABANDONED
 STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:
 SIDEWALL SAMPLES UNOBTAINABLE DUE TO INACCESSIBILITY. SIDEWALLS APPEAR TO BE UNSTAINED (DR. YELL. ORANGE TO BROWN SAND TO SILTY SAND). NO SHEEN OBSERVED ON GROUNDWATER SURFACE. PIT NOT PUMPED. MONITOR WELLS TO BE INSTALLED AT A LATER DATE.

FIELD 418.1 CALCULATIONS

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

SCALE

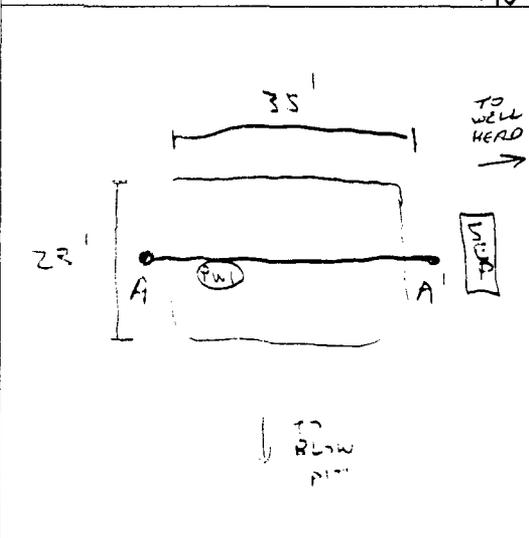


0 FT

PIT PERIMETER

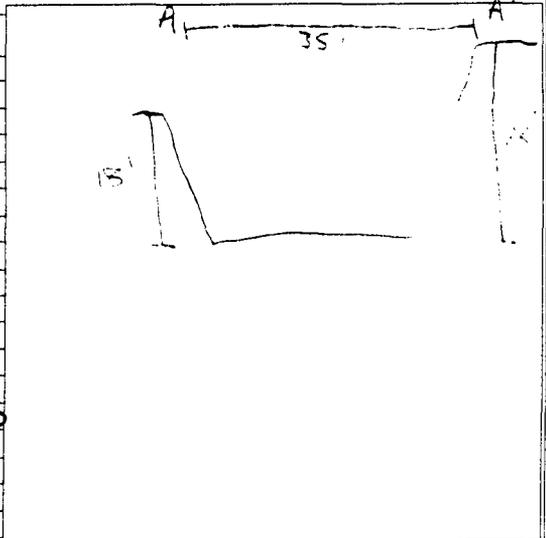
OVM RESULTS

PIT PROFILE



| SAMPLE ID | FIELD HEADSPACE PID (ppm) |
|-----------|---------------------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |

| SAMPLE ID | ANALYSIS | TIME |
|-------------------|-------------|-------------|
| <u>PW16GWL(B)</u> | <u>BTEX</u> | <u>0830</u> |
| | | |
| | | |



TRAVEL NOTES: CALLOUT: 4/4/95 EVE ONSITE: 4/5/95 MORN.



OFF: (505) 325-8786

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn: *Nelson Velez*
Company: *Blagg Engineering*
Address: *P.O. Box 87*
City, State: *Bloomfield, NM 87413*

Date: *4/6/95*
Lab ID: *2922*
Sample ID: *5792*
Job No. *2-1000*

Project Name: *GCU COM D 160*
Project Location: *PW 1 @ GW (18') - Sep. Pit*
Sampled by: *NV* Date: *4/5/95* Time: *8:30*
Analyzed by: *DLA* Date: *4/6/95*
Sample Matrix: *Water*

Aromatic Volatile Organics

| Component | Measured Concentration ug/L | Detection Limit Concentration ug/L |
|---------------------|------------------------------------|---|
| <i>Benzene</i> | <i>37.7</i> | <i>0.2</i> |
| <i>Toluene</i> | <i>44.7</i> | <i>0.2</i> |
| <i>Ethylbenzene</i> | <i>69.3</i> | <i>0.2</i> |
| <i>m,p-Xylene</i> | <i>190.5</i> | <i>0.2</i> |
| <i>o-Xylene</i> | <i>21.4</i> | <i>0.2</i> |
| | <i>TOTAL 363.7 ug/L</i> | |

ND - Not Detectable

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: *Daly*
Date: *4/6/95*

State of New Mexico
Energy, Minerals and Natural Resources Department

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

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

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

GW above limits

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: Gcu com D 160
Well Name

Location: Unit or Qtr/Qtr sec I Sec 27 T29N R12W County SAN JUAN

Pit Type: Separator Dehydrator Other BLOW

Land Type: BLM , State , Fee , Other Com. AGMT.

Pit Location: Pit dimensions: length 82', width 56', depth 18'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 170'

Direction from reference: 48 Degrees East North
X West of South X

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) 20
high water elevation of ground water)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 20
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) 10
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)

RANKING SCORE (TOTAL POINTS): 50

Date Remediation Started: _____ Date Completed: 4/7/95

Remediation Method: Excavation Approx. cubic yards 3,000
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other COMPOSTED

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

General Description Of Remedial Action: _____
Excavation - GROUNDWATER NOT PUMPED OUT OF PIT.

Ground Water Encountered: No _____ Yes Depth 17'

Final Pit: Sample location see Attached Documents

Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth 17'
Sample date 4/5/95 Sample time 0815

Sample Results
Benzene (ppm) 0.0867
Total BTEX (ppm) 1.6647
Field headspace (ppm) _____
TPH _____

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 4/7/95

SIGNATURE B. Shaw

PRINTED NAME AND TITLE

Buddy D. Shaw
ENVIRONMENTAL COORDINATOR

| | | |
|----------------------|--|---|
| CLIENT: <u>AMOCO</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>80258</u> C.O.C. NO: <u>2922</u> |
|----------------------|--|---|

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

| | |
|--|-------------------------------------|
| LOCATION: NAME: <u>GEN COM D</u> WELL #: <u>160</u> PIT: <u>BLW</u> | DATE STARTED: <u>4/5/95</u> |
| QUAD/UNIT: <u>I</u> SEC: <u>27</u> TWP: <u>29N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> | DATE FINISHED: _____ |
| QTR/FOOTAGE: <u>NE1/4</u> SE1/4 CONTRACTOR: <u>P. VELASQUEZ</u> | ENVIRONMENTAL SPECIALIST: <u>NV</u> |

EXCAVATION APPROX. 82 FT. x 56 FT. x 18 FT. DEEP. CUBIC YARDAGE: 3,000

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: COMPOSTED

LAND USE: RANGE / RESIDENTIAL LEASE: 5F-080224 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 170 FT. 548W FROM WELLHEAD.

DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: <1000' NEAREST SURFACE WATER: <1000'

NMOCB RANKING SCORE: 50 NMOCB TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

CHECK ONE :

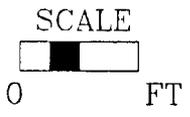
PIT ABANDONED

STEEL TANK INSTALLED

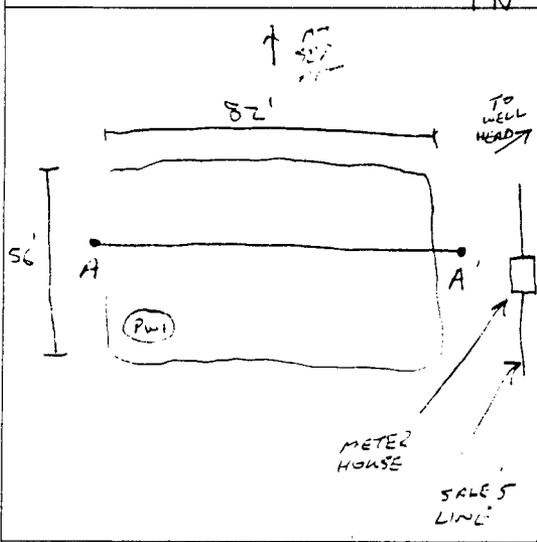
SIDEWALL SAMPLES UNOBTAINABLE DUE TO INACCESSIBILITY. SIDEWALLS APPEAR TO BE UNSTAINED (MOD. YELL. ORANGE SAND). NO SHEEN OBSERVED ON GROUNDWATER SURFACE. PIT NOT PUMPED. MONITOR WELL(S) TO BE INSTALLED AT A LATER DATE.

FIELD 418.1 CALCULATIONS

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



PIT PERIMETER

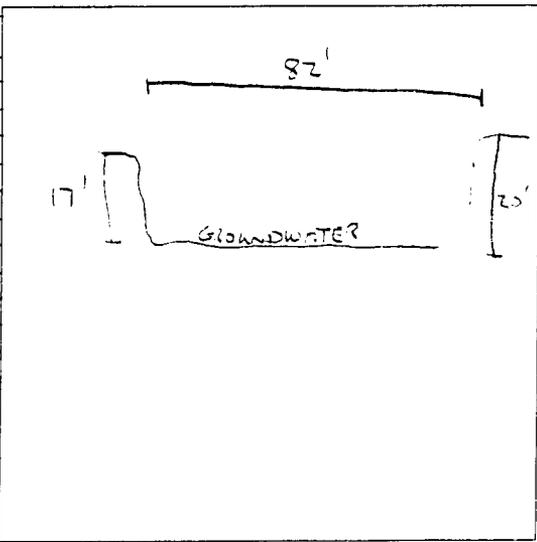


OVM RESULTS

| SAMPLE ID | FIELD HEADSPACE P10 (ppm) |
|-----------|---------------------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |

| LAB SAMPLES | | |
|-------------|----------|------|
| SAMPLE ID | ANALYSIS | TIME |
| PW1RGW(7) | BTEX | 0815 |
| | | |
| | | |
| | | |

PIT PROFILE



TRAVEL NOTES: CALLOUT: 4/4/95 ELE. ONSITE: 4/5/95 MORNING.



OFF: (505) 325-8786

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn: *Nelson Velez*
Company: *Blagg Engineering*
Address: *P.O. Box 87*
City, State: *Bloomfield, NM 87413*

Date: *4/6/95*
Lab ID: *2922*
Sample ID: *5791*
Job No. *2-1000*

Project Name: *GCU COM D 160*
Project Location: *PW 1 @ GW (17') - Blow Pit*
Sampled by: *NV* Date: *4/5/95*
Analyzed by: *DLA* Date: *4/6/95*
Sample Matrix: *Water*

Time: *8:15*

Aromatic Volatile Organics

| Component | Measured Concentration ug/L | Detection Limit Concentration ug/L |
|---------------------|------------------------------------|---|
| <i>Benzene</i> | <i>86.7</i> | <i>0.2</i> |
| <i>Toluene</i> | <i>590.0</i> | <i>0.2</i> |
| <i>Ethylbenzene</i> | <i>158.3</i> | <i>0.2</i> |
| <i>m,p-Xylene</i> | <i>713.2</i> | <i>0.2</i> |
| <i>o-Xylene</i> | <i>116.4</i> | <i>0.2</i> |
| | TOTAL <i>1664.7 ug/L</i> | |

ND - Not Detectable

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: *[Signature]*
Date: *4/6/95*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
SF - 080224

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement Designation
SW 163

8. Well Name and No.
GCU Com D 160

9. API Well No.
3004507832

10. Field and Pool, or Exploratory Area
Dakota

11. County or Parish, State
SAN JUAN, NM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Amoco Production Company

3. Address and Telephone No.
200 Amoco Court, Farmington, N.M. 87401 Tel: (505) 326-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE/4 SE/4, SEC. 27, T29N, R12W, Nmpm

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other Pit closure |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Pit closure verification - see attached documentation.

BLOW PLT - ABANDONED

SEPARATOR PLT - STEEL TANK INSTALLED:

14. I hereby certify that the foregoing is true and correct

Signed B. Shaw Title Enviro. Coordinator Date 4/7/95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.