

80650

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  
**DEPUTY OIL & GAS INSPECTOR**

JUL 11 8 1996

**PTT REMEDIATION AND CLOSURE REPORT**

*Approved*

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

**Address:** 200 Amoco Court, Farmington, New Mexico 87401

**Facility Or:** GCU 170E  
**Well Name**

**Location:** Unit or Qtr/Qtr Sec E Sec 35 T 29N R 12W County SAN JUAN

**Pit Type:** Separator ☒ Dehydrator ☐ Other ☐

**Land Type:** BLM ☐, State ☐, Fee ☐, Other UNIT AGMT.

**Pit Location:** Pit dimensions: length 36', width 38', depth 8'  
(Attach diagram)

**Reference:** wellhead ☒, other ☐

**Footage from reference:** 167'

**Direction from reference:** 65 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>

RECEIVED  
APR 11 1995

**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)	<u>0</u>
No	(0 points)	

OIL CON. DIV.  
DIST. 3

**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):** 30

Date Remediation Started: \_\_\_\_\_ Date Completed: 2/27/95

Remediation Method: Excavation ☒ Approx. cubic yards 405  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
Other ROCK CRUSHER

Remediation Location: Onsite \_\_\_\_\_ Offsite ☒ GARCHA GC B7  
(ie. landfarmed onsite, name and location of offsite facility)

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

Ground Water Encountered: (No \_\_\_\_\_ Yes ☒ Depth 6'

Final Pit: Sample location see Attached Documents  
Closure Sampling: \_\_\_\_\_  
(if multiple samples, attach sample results and diagram of sample locations and depths)  
Sample depth 6'  
Sample date 2/27/95 Sample time 0905  
Sample Results

Benzene(ppm) ND  
Total BTEX(ppm) 0.0389  
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 3/3/95

SIGNATURE B. Shaw

PRINTED NAME  
AND TITLE

Buddy D. Shaw  
ENVIRONMENTAL COORDINATOR

CLIENT: AMOCO

BLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199

LOCATION NO: 80235  
C.O.C. NO: 2630

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: GCU WELL #: 170E PIT: SEP  
QUAD/UNIT: E SEC: 35 TWP: 29N RNG: 12W PM: NM CNTY: SJ ST: NM  
QTR/FOOTAGE: SW/4 NW/4 CONTRACTOR: P. VELASQUEZ

DATE STARTED: 2/27/95  
DATE FINISHED: \_\_\_\_\_  
ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 36 FT. x 38 FT. x 8 FT. DEEP. CUBIC YARDAGE: 405  
DISPOSAL FACILITY: GARCIA GC 81 REMEDIATION METHOD: ROCK CRUSHER  
LAND USE: RANGE LEASE: - FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 167 FT. N65E FROM WELLHEAD  
DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000'  
NMDCD RANKING SCORE: 0 NMDCD TPH CLOSURE STD: 100 PPM

CHECK ONE:  
☐ PIT ABANDONED  
☒ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:  
SAND & GRAVEL, LT. TO DK. GRAY DISCOLORATION ON SOUTH SIDEWALL. SOIL SAMPLES NON-OBTAINABLE DUE TO INACCESSIBILITY.

CLOSED

SCALE  
0 FT

N

PIT PERIMETER

FIELD 418.1 CALCULATIONS

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

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PIC (ppm)
1	
2	
3	
4	
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
<u>AW186N(6)</u>	<u>BTEX</u>	<u>0905</u>

PIT PROFILE

TRAVEL NOTES: CALLOUT: 2/24/95 ONSITE: 2/27/95

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: *2/27/95*  
Lab ID: *2630*  
Sample ID: *5308*  
Job No. *2-1000*

Project Name: *GCU 170 E*  
Project Location: *PW 1 @ GW ( 6' ) - Sep. Pit*  
Sampled by: *NV* Date: *2/27/95*  
Analyzed by: *DLA* Date: *2/27/95*  
Sample Matrix: *Water*

Time: *9:05*

**Aromatic Volatile Organics**

<b>Component</b>	<b>Measured Concentration ug/L</b>	<b>Detection Limit Concentration ug/L</b>
<i>Benzene</i>	ND	0.2
<i>Toluene</i>	ND	0.2
<i>Ethylbenzene</i>	ND	0.2
<i>m,p-Xylene</i>	31.2	0.2
<i>o-Xylene</i>	7.7	0.2
	<b>TOTAL 38.9 ug/L</b>	

*ND - Not Detectable*

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

Approved by:

Date:

*DLA*  
*2/28/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

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District I

P.O. Box 1980, Hobbs, NM

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### District III

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Energy, Minerals and Natural Resources Department

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DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

# PIT REMEDIATION AND CLOSURE REPORT

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

**Address:** 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: GCU 170E  
Well Name \_\_\_\_\_

Location: Unit or Qtr/Qtr Sec E Sec 35 T 29N R 12W County SAN JUAN

Pit Type: Separator\_\_\_ Dehydrator\_\_\_ Other BLOW

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

Pit Location: Pit dimensions: length 107', width 66', depth 7'  
(Attach diagram)

Reference: wellhead ☒, other \_\_\_\_\_

Footage from reference: 170<sup>1</sup>

Direction from reference: 0 Degrees — East North X  
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)

**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)

## 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)

**RANKING SCORE (TOTAL POINTS):**

Date Remediation Started: \_\_\_\_\_ Date Completed: 2/24/95

Remediation Method: Excavation ☒ Approx. cubic yards 1830  
 (Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
 Other ROCK CRUSHER

Remediation Location: Onsite \_\_\_\_\_ Offsite ☒ GARCIA GC B1  
 (ie. landfarmed onsite, name and location of offsite facility)

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

Ground Water Encountered: No \_\_\_\_\_ Yes ☒ Depth 6'

Final Pit: Sample location see Attached Documents  
 Closure Sampling: \_\_\_\_\_  
 (if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 6'  
 Sample date 2/24/95 Sample time 1030

#### Sample Results

Benzene (ppm) ND  
 Total BTEX (ppm) 0.0018  
 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 3/3/95

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>80235</u> C.O.C. NO: <u>2629</u>
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>GCM</u> WELL #: <u>170E</u> PIT: <u>BLOW</u>	DATE STARTED: <u>2/24/95</u>
QUAD/UNIT: <u>E</u> SEC: <u>35</u> TWP: <u>29N</u> RNG: <u>12W</u> PM: <u>Nm</u> CNTY: <u>SJ</u> ST: <u>NM</u>	DATE FINISHED: _____
QTR/FOOTAGE: <u>SW/4 NW/4</u> CONTRACTOR: <u>P. VELASQUEZ</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. <u>107</u> FT. x <u>66</u> FT. x <u>7</u> FT. DEEP. CUBIC YARDAGE: <u>1830</u>
DISPOSAL FACILITY: <u>GARCIA GC R1</u> REMEDIATION METHOD: <u>ROCK CRUSHER</u>
LAND USE: <u>RANGE</u> LEASE: <u>-</u> FORMATION: <u>OK</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>170</u> FT. <u>DUE N</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>&lt; 50'</u> NEAREST WATER SOURCE: <u>&gt; 1000'</u> NEAREST SURFACE WATER: <u>&lt; 1000'</u>	
NMOC D RANKING SCORE: <u>30</u> NMOC D TPH CLOSURE STD: <u>100</u> PPM	
SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED

SAND & GRAVEL (SIDEWALLS). SOIL SAMPLES NON-OBTAINABLE DUE TO INACCESSIBILITY.

CLOSED

SCALE



0 FT



PIT PERIMETER

FIELD 418.1 CALCULATIONS

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

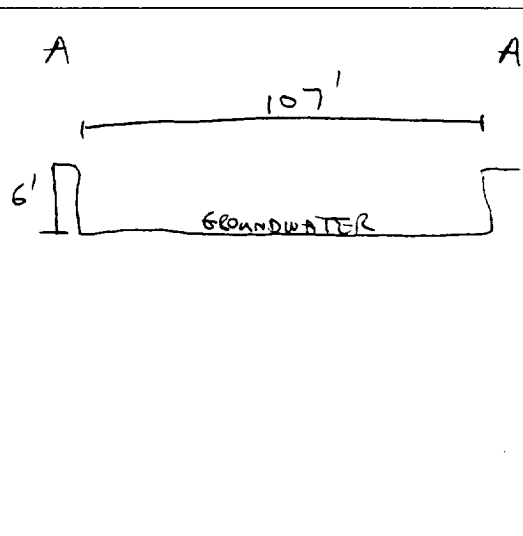
OVM RESULTS

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

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
PW16W(6)	BTEX	1030

PIT PROFILE



TRAVEL NOTES:	CALLOUT: <u>2/24/95</u>	ON SITE: <u>2/24/95</u>
---------------	-------------------------	-------------------------



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: *2/24/95*  
Lab ID: *2629*  
Sample ID: *5284*  
Job No. *2-1000*

Project Name: *GCU 170 E*  
Project Location: *PW 1 @ GW ( 6' ) - Blow Pit*  
Sampled by: *NV* Date: *2/24/95*  
Analyzed by: *DLA* Date: *2/24/95*  
Sample Matrix: *Water*

Time: *10:30*

**Aromatic Volatile Organics**

<b>Component</b>	<b>Measured Concentration ug/L</b>	<b>Detection Limit Concentration ug/L</b>
<i>Benzene</i>	ND	0.2
<i>Toluene</i>	ND	0.2
<i>Ethylbenzene</i>	ND	0.2
<i>m,p-Xylene</i>	1.8	0.2
<i>o-Xylene</i>	ND	0.2
	<b>TOTAL 1.8 ug/L</b>	

*ND - Not Detectable*

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

Approved by: *DLA*  
Date: *2/24/95*

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