

**3R - 49**

# **REPORTS**

**DATE:**

**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

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

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

**PIT REMEDIATION AND CLOSURE REPORT**

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: STATE GC JIA  
Well Name \_\_\_\_\_

Location: Unit or Qtr/Qtr Sec F Sec 36 T 30N R 7W County SAN JUAN

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

Land Type: BLM \_\_\_, State , Fee \_\_\_, Other \_\_\_\_\_

Pit Location: Pit dimensions: length 60', width 93', depth 37  
(Attach diagram)

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

Footage from reference: 95'

Direction from reference: 80 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) 2  
high water elevation of ground water)

**RECEIVED**

Wellhead Protection Area: Yes (20 points)  
(Less than 200 feet from a private No (0 points) C  
domestic water source, or; less than  
1000 feet from all other water sources)

Environmental Bureau  
Oil Conservation Division

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) \_\_\_  
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 2

Date Remediation Started: \_\_\_\_\_ Date Completed: 6/23/95

Remediation Method: Excavation  Approx. cubic yards 7650  
(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 WAS PUMPED AND DISPOSED OF BY TRIPLE S.

Ground Water Encountered: No \_\_\_\_\_ Yes  Depth 35'

Final Pit: Sample location see Attached Documents

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

Sample depth 35'

Sample date 6/16/95 Sample time 1558

Sample Results

Benzene (ppm) .0655

Total BTEX (ppm) NA

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 6/23/95

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>80289</u> C.O.C. NO: <u>2937</u>
----------------------	--	---

FIELD REPORT: CLOSURE VERIFICATION PAGE No: 1 of 1

LOCATION: NAME: <u>STATE GC</u> WELL #: <u>J1A</u> PIT: <u>DEHY</u>	DATE STARTED: <u>5/23/95</u>
QUAD/UNIT: <u>F SEC:36 TWP:30N RNG:9W PM: NM CNTY: SJ ST: NM</u>	DATE FINISHED: _____
QTR/FOOTAGE: <u>SE 1/4 NW 1/4</u> CONTRACTOR: <u>P. VELASQUEZ</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. 60 FT. x 63 FT. x 37 FT. DEEP. CUBIC YARDAGE: 7650  
 DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: COMPOSTED  
 LAND USE: RANGE LEASE: \_\_\_\_\_ FORMATION: MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 95 FT. N80E FROM WELLHEAD.  
 DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'  
 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 100 PPM

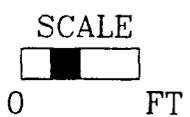
SOIL AND EXCAVATION DESCRIPTION: CHECK ONE:  
 PIT ABANDONED  
 STEEL TANK INSTALLED

GROUNDWATER PUMPED & DISPOSED OF BY TRIPLE S. 10" PIPE TO BE INSTALLED FOR VENTING & GROUNDWATER MONITORING PURPOSES. SIDEWALLS AFTER ADDITIONAL EXCAVATION INDICATED A UNIFORM THICKNESS THROUGHOUT THE PERIMETER OF APPROXIMATELY 3-4' THICKNESS ABOVE GROUNDWATER OF MED. LT. GRAY DISCOLORATION (PRESUMED HC CONTAMINATION). DUE TO THE AMOUNT OF OVERBURDEN EXCAVATION WAS TERMINATED.

CONDITIONAL

FIELD 418.1 CALCULATIONS

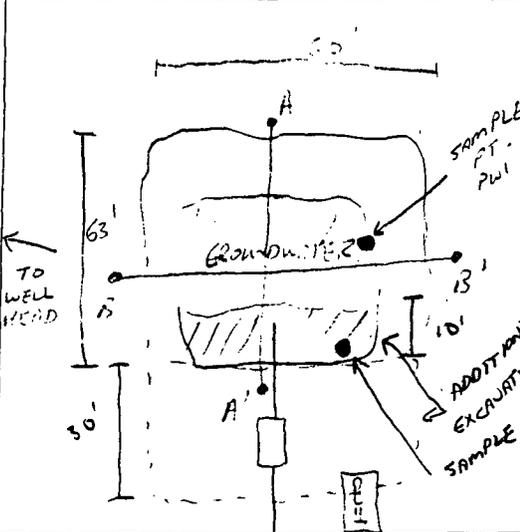
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC. ppm



PIT PERIMETER

OVM RESULTS

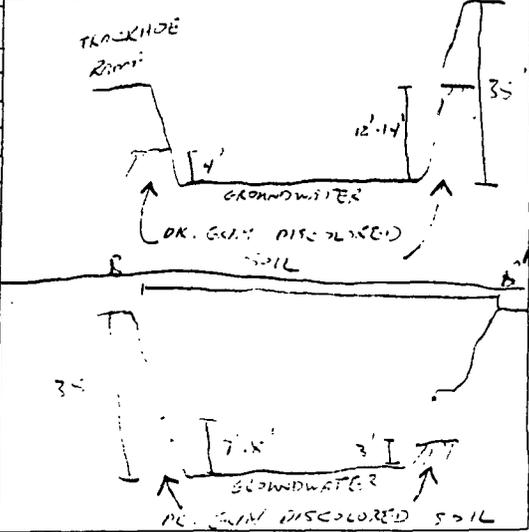
PIT PROFILE



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

SAMPLE ID	ANALYSIS	TIME
PW1 (30')	RTE-1	1145
	<b>FAILED</b>	
PW2 (35')	BTEX	1558
	<b>FAILED</b>	



TRAVEL NOTES: CALLOUT: 5/23/95 ONSITE: 5/23/95



OFF: (505) 325-8786

LAB: (505) 325-5667

**AROMATIC VOLATILE ORGANICS**

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

Date: *5/23/95*  
Lab ID: *2937*  
Sample ID: *6479*  
Job No. *2-1000*

Project Name: *State GC J1A*  
Project Location: *PW1 @ GW ( 35' ) - Dehy. Pit*  
Sampled by: *NV* Date: *5/23/95* Time: *11:45*  
Analyzed by: *DC* Date: *5/23/95*  
Sample Matrix: *Water*

**Aromatic Volatile Organics**

<i>Component</i>	<i>Measured Concentration ug/L</i>	<i>Detection Limit Concentration ug/L</i>
<i>Benzene</i>	<i>4,920</i>	<i>0.2</i>
<i>Toluene</i>	<i>11,149</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>872</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>8,485</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>2,288</i>	<i>0.2</i>
	<i>TOTAL 27,714 ug/L</i>	

*ND - Not Detectable*

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

Approved by: *Daly*  
Date: *5/23/95*



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: *6/20/95*  
COC No.: *3101*  
Sample No. *6842*  
Job No. *2-1000*

Project Name: *State GC J1A*  
Project Location: *PW2 @ GW ( 35' )*  
Sampled by: *NV*  
Analyzed by: *DC*  
Type of Sample: *Water*

Date: *6/16/95* Time: *15:58*  
Date: *6/19/95*

**Aromatic Volatile Organics**

<b>Component</b>	<b>Measured Concentration ug/L</b>	<b>Detection Limit Concentration ug/L</b>
<i>Benzene</i>	<i>65.5</i>	<i>0.2</i>
<i>Toluene</i>	<i>4.0</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>2.1</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>340.0</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>207.6</i>	<i>0.2</i>
	<b>TOTAL</b> <i>619.3 ug/L</i>	

*ND - Not Detectable*

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

Approved by: *Ja Gx*  
Date: *6/20/95*

P. O. BOX 2606 • FARMINGTON, NM 87499