

OK 80292

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

TPH  
water  
cleaned

DEC 11 5 1995

**PIT REMEDIATION AND CLOSURE REPORT**

*Approved - based on groundwater*

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

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

**Facility Or:** HARE GC B 1  
**Well Name**

**Location:** Unit or Qtr/Qtr Sec G Sec 23 T29N R11W County SAN JUAN

**Pit Type:** Separator  Dehydrator  Other PROD. TANK

**Land Type:** BLM , State , Fee , Other

**Pit Location:** Pit dimensions: length 135', width 100', depth 4-8'  
(Attach diagram)

**Reference:** wellhead X, other \_\_\_\_\_

**Footage from reference:** 135

**Direction from reference:** 0 Degrees  East North   
of  
 West South

<b>Depth To Ground Water:</b> (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>

<b>Wellhead Protection Area:</b> (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>0</u>

<b>Distance To Surface Water:</b> (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>20</u>

**RANKING SCORE (TOTAL POINTS):** 40

RECEIVED  
JUN 12 1995  
OIL CON. DIV.  
DIST. 3

Date Remediation Started: 5-25-95 Date Completed: 5-31-95

Remediation Method: Excavation  (Check all appropriate sections) Approx. cubic yards 2000

Landfarmed  Insitu Bioremediation

Other Stockpiled

Remediation Location: Onsite  offsite  MOVED TO ARBURY WOODS  
(ie. landfarmed onsite, name and location of offsite facility) PRIVATE PROPERTY - UNIT E, SEC 23

(~ 1/2 MILE NE OF ALERUE 6L \*1) T 29N R 11W

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

Excavation

Ground Water Encountered: No  Yes  Depth 7'

Final Pit: Closure Sampling: Sample location see Attached Documents

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

Sample depth 7'

Sample date 5-31-95 Sample time 1550 (slzs)

WATER

Sample Results

Benzene (ppm) ND WATER

Total BTEX (ppm) 5.96 PAB

Field headspace (ppm) 1

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 5-31-95

SIGNATURE

B. Shaw

PRINTED NAME AND TITLE

Buddy D. Shaw  
ENVIRONMENTAL COORDINATOR

RESULTS TO BOB MILOR - 5-30-95 REO

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B0292</u> C.O.C. NO: _____
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: <u>HARE GC</u> WELL #: <u>B1</u> PIT: <u>PROD. TANK</u>	DATE STARTED: <u>5-25-95</u>
QUAD/UNIT: <u>G</u> SEC: <u>23</u> TWP: <u>29N</u> RNG: <u>11W</u> BM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>	DATE FINISHED: <u>5-31-95</u>
DTP/FOOTAGE: _____ CONTRACTOR: <u>PAUL</u>	ENVIRONMENTAL SPECIALIST: <u>REO</u>

EXCAVATION APPROX. 135' FT. x 100' FT. x 4'-8' FT. DEEP. CUBIC YARDS: 2000

DISPOSAL FACILITY: ONSITE REMEDIATION METHOD: STACKPILE

LAND USE: RESIDENTIAL AREA LEASE: — FORMATION: DATONA

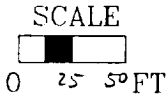
FIELD NOTES & REMARKS: ORIGINAL  
 PIT LOCATED APPROXIMATELY 135 FEET SOUTH FROM WELLHEAD.  
 DEPTH TO GROUNDWATER: 7' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: 70' NORTH  
 NMDCD RANKING SCORE: 40 NMDCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: STEEL PIT TO BE RE-INSTALLED

PIT EXCAVATED TO GROUNDWATER - CONTAMINATED / STAINED SOILS REMOVED.  
 SOIL IS MOST, BROWN, SILTY-CLAYEY SAND. HEAVY CLAY NEAR WATER TABLE.  
 SOME AREAS OF GRAY STAINING IN CLAYS - NO ODOOR.

FIELD 418.1 CALCULATIONS

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



PIT PERIMETER OVM RESULTS PIT PROFILE

↓ SURFACE GRADIENT

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 NS-5'	1
2 ES-5'	1
3 WS-4'	1
4	
5	

LAB SAMPLES  
PW1EGW (T) BTEK  
(PASSED)

TRAVEL NOTES: CALLOUT: \_\_\_\_\_ ONSITE: 5-25-95  
5-31-95

## PURGEABLE AROMATICS

### Blagg Engineering, Inc.

Project ID: Hare GC B 1  
Sample ID: PW 1 @ GW (7')  
Lab ID: 1046  
Sample Matrix: Water  
Preservative: Cool, HgCl<sub>2</sub>  
Condition: Intact

Report Date: 05/26/95  
Date Sampled: 05/25/95  
Date Received: 05/25/95  
Date Analyzed: 05/26/95

Target Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Benzene	ND	0.20
Toluene	0.98	0.20
Ethylbenzene	ND	0.20
m,p-Xylenes	3.06	0.40
o-Xylene	1.63	0.20
<b>Total BTEX</b>	<b>5.96</b>	


ND - Analyte not detected at the stated detection limit.

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	100	88 - 110%
	Bromofluorobenzene	91	86 - 115%

Reference: Method 602.2, Purgeable Aromatics; Federal Register, Vol. 49, No. 209, Oct. 1984.

Comments:

  
Analyst

  
Review