

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
SANTA FE OFFICE
SEP 19 1996

PIT REMEDIATION AND CLOSURE REPORT

Approval

Operator: Amoco Production Company		Telephone: (505) - 326-9200	
Address: 200 Amoco Court, Farmington, New Mexico 87401			
Facility Or: JOHNSTON L5 7			
Well Name			
Location: Unit or Qtr/Qtr Sec N Sec 11 T28N R9W County SAN JUAN			
Pit Type: Separator Dehydrator X Other			
Land Type: BLM X, State, Fee, Other			

Pit Location: (Attach diagram)	Pit dimensions: length 30', width 18', depth 16'
	Reference: wellhead X, other
	Footage from reference: 60'
	Direction from reference: 18 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) 0
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) 0
	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) 0
	Greater than 1000 feet (0 points)
RANKING SCORE (TOTAL POINTS): 0	

Date Remediation Started: _____ Date Completed: 11/14/95Remediation Method: Excavation ☒
(Check all appropriate sections)Landfarmed ☒Approx. cubic yards 280

Insitu Bioremediation _____

Other _____

Remediation Location:
(ie. landfarmed onsite,
name and location of
offsite facility)Onsite _____ Offsite ☒ JOHNSTON LS 1

General Description Of Remedial Action: _____

Excavation - BED ROCK BOTTOM.

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 DocumentsSample depth 11'Sample date 11/10/95Sample time 1450

Sample Results

Benzene(ppm) 0.0168Total BTEX(ppm) 24.985Field headspace(ppm) 998TPH 1064 ppmGround 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 11/14/95

SIGNATURE

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>80203</u> C.D.C. NO: _____
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME <u>JOHNSTON LS</u> WELL #: <u>7</u> PIT: <u>DEHY</u>	DATE STARTED: <u>1-9-95</u>
QUAD/UNIT: <u>N</u> SEC: <u>II</u> TWP: <u>29N</u> RNG: <u>9W</u> BM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>	DATE FINISHED: _____
OTR/FOOTAGE: <u>118 FSL - LANDFARM</u> CONTRACTOR: <u>KELCO CON</u>	ENVIRONMENTAL SPECIALIST: <u>JCE/NV</u>

EXCAVATION APPROX. 30 FT. x 13 FT. x 16 FT. DEEP. CUBIC YARDS: 280

DISPOSAL FACILITY: JOHNSTON LS I REMEDIATION METHOD: LANDFARMED

LAND USE: EPA FILES LEASE: NM-24202 FORMATION: MV

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 60 FEET N^{15°W} FROM WELLHEAD.

DEPTH TO GROUNDWATER: >10' NEAREST WATER SOURCE: >100' NEAREST SURFACE WATER: >100'

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM ELEV. 5,777' S.L.

SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: TANK INSTALLED

UPHOLSTERED STEEL CYLINDER WITH FLANGE ON TOP 13' HIGH.

SANCTIONING BEGUN AT 13' BGS, VERY SANDY SOIL @ 16'.

6 THRU 9 OVM SAMPLES - DK. YEGL. ORANGE TO BROWN SAND NON-COHESIVE SLIGHTLY MOIST,
FIRM TO DENSE, STRONG HC ODOR IN EAST SIDEWALL OVM SAMPLE # SLIGHT HC ODOR W,
WEST SIDEWALL OVM SAMPLES.

OVM SAMPLES
 6THRU9 TAKEN
 1/10/95

DATE 1/10/95 TIME 1450

 SCALE
 0 FT

FIELD 418.I CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
<u>⑦E 11"</u>	<u>TPH-1348</u>	<u>5</u>	<u>20</u>	<u>1:1</u>	<u>266</u>	<u>1,064</u>

CLOSED

PIT PERIMETER

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
<u>1E 11'</u>	<u>590</u>
<u>2N UNIDIG</u>	<u>327</u>
<u>3NW 12' 11"</u>	<u>609</u>
<u>4E 11'</u>	<u>555</u>
<u>5SW 12' 15"</u>	<u>410</u>
<u>6E 11'</u>	<u>0.5</u>
<u>7E 11'</u>	<u>998</u>
<u>8E 10'</u>	<u>3.7</u>
<u>9E 10'</u>	<u>90.5</u>

LAB SAMPLES
7E 11' BTEX
PASSED

PIT PROFILE

TRAVEL NOTES: CALLOUT: 1/6/94 ONSITE: 1/9/94

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client:	Amoco	Project #:	
Sample ID:	7 @ 11'	Date Analyzed:	01-13-95
Project Location:	Johnston LS 7	Date Reported:	01-13-95
Laboratory Number:	TPH-1349	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	1,100	20

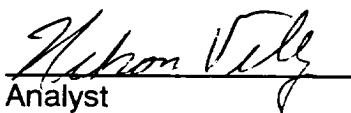
ND = Not Detectable at stated detection limits.

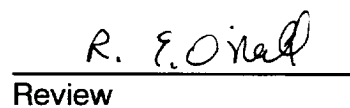
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	512	472	8.13

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Dehydrator Pit - B0203


Analyst


Review



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: *1/14/95*
Lab ID: *2524*
Sample ID: *4733*
Job No. *2-1000*

Project Name: *Johnston LS 7*
Project Location: *7 @ 11' - Dehy. Pit*
Sampled by: *NV* Date: *1/10/95* Time: *14:50*
Analyzed by: *DLA* Date: *1/14/95*
Sample Matrix: *Soil*

Aromatic Volatile Organics

<i>Component</i>	<i>Measured Concentration ug/kg</i>	<i>Detection Limit Concentration ug/kg</i>
<i>Benzene</i>	<i>16.8</i>	<i>0.2</i>
<i>Toluene</i>	<i>316</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>1,222</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>17,559</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>5,871</i>	<i>0.2</i>
	<i>TOTAL 24,985 ug/kg</i>	

ND - Not Detectable

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

Approved by: *J-4*
Date: *1/16/95*

P. O. BOX 2606 • FARMINGTON, NM 87499