80068

letrict I O. Box 1980, Hobbs, NM platrict II O. Drawer DD, Artesia, NM \$8211 istrict III 300 Rio Brazos Rd, Aztoc, NM \$7410

State of New Hexico 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

	(707) 00(0000
Operator: Amoco Production Company	Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington,	New Mexico 8/401
Pacility or: JONES A LS	3
Location: Unit or Qtr/Qtr Sec 6 Sec	TZEN REW County SAN THAN
Pit Type: Separator X Dehydrator Ot Land Type: BLM X, State, Fee,	Other
pit Deation: Pit dimensions: length integral diagram; length wellhead X,	55' , width 30' , depth 7Z' , other
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) <u>o</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)
	RANKING SCORE (TOTAL POINTS): 30

	. whad t	Date Completed: 8/29/94
	arted:	Approx. cubic yards 425
emediation Method:	Excavation \times	
Check all appropriate ections)	Landfarmed	Insitu Bioremediation
	Other	
	•	
emediation Location	onsite X off	site
ie. landfarmed oneite, ame and location of		
eneral Description	of Remedial Action	
Excavation		
		Yes X Depth 101
Ground Water Encour	ntered: NO	
11	sample location _	see Attached Documents
Final Pit: Closure Sampling:	Dumpto co	
(if multiple samples, attach sample results		(O ^l
attach samble results	- 1 - donth	
and diagram of sample	Sample depth	
and diagram of sample locations and depths)	Sample depth	
and diagram of sample	Sample date 8/2	
and diagram of sample	Sample date $8/2$	Sample time
and diagram of sample	Sample date 8/2 Sample Results Benzene(ppm)	Sample time (110
and diagram of sample	Sample date 8/2 Sample Results Benzene(ppm) Total BTEX(5 94 Sample time
and diagram of sample	Sample date 8/2 Sample Results Benzene(ppm) Total BTEX(Sample time
and diagram of sample locations and depths)	Sample date 82 Sample Results Benzene(ppm) Total BTEX(pried heads) TPH	Sample time
and diagram of sample locations and depths)	Sample date 82 Sample Results Benzene(ppm) Total BTEX(pried heads) TPH	Sample time
and diagram of sample locations and depths)	Sample date 8/2 Sample Results Benzene(ppm) Total BTEX(price of the price of the	Sample time
Ground Water Sample	Sample date 8/2 Sample Results Benzene(ppm) Total BTEX(price of the state of the	Sample time (110 0.001 ppm) 0.061 pace(ppm) (If yes, attach sample results) N ABOVE IS TRUE AND COMPLETE TO THE BES
and diagram of sample locations and depths)	Sample date 8/2 Sample Results Benzene(ppm) Total BTEX(price of the state of the	Sample time

CLIENT TIMOGO DON OR DIOOMETELD NM 87413	N NO: <u>80068</u>
FIELD REPCRT: CLOSURE VERIFICATION PAGE NO	
QUAD/UNIT: G SEC: IS TWP: Z8A RNG: 8D PM: NY CNTY: ST ST: NY OTR/FULTAGE: 1460 FAL 1460 FEL CONTRACTOR: MOSS DATE FINIS	TED: 8/26/94 HED:
SOIL REMEDIATION: EXCAVATION APPROX. 55 FT. x 30 FT. x 10 DISPOSAL FACILITY: ON-SITE CUBIC YARDAGE: LAND USE: RANGE LEASE: 5F - 078390	125_
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 60 FEET N67 W F DEPTH TO GROUNDWATER: 450 NEAREST WATER SOURCE: > 1000 NEAREST SURFACE WATER:	<1000
NEAREST WATER SHORCE: NEAREST WATER SHORCE: NEAREST WATER SHORCE NAMED THE CLOSURE STD: 100 PPM FORMATION	#
PERSONALISM	
SOIL AND EXCAVATION DESCRIPTION: NO PRODUCT OR SHEET OBSERVED ON GROW FURFACE: SIDEWALLS NOT ACCESSIBLE FO SAMPLINE.	12 Solv
FIELD 418.1 CALCULATIONS	
SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC. ppm	
SCALE	
O FT PERIMETER N OVM RESULTS PIT PROF	FILE
SAMPLE FIELD HEADSPACE PID (pprin) 1 2	
prisering 1	
3 4	σ
30 / / 5	10'
5 S GNON DO W	ATTER
LAB SAMPLES	
PMICEW(16') BTEX (8020)	
TO PLL HEAD	
GROWNOWATER V HEAD	
TRAVEL NOTES: CALLOUT: 8/26/94 ONSITE: 8/26/94	



AROMATIC VOLATILE ORGANICS

Attn:

Nelson Velez

Date:

8/27/94

Company: Blagg Engineering

Lab ID:

1840 2720

Address:

P.O. Box 87 City, State: Bloomfield, NM 87413 Sample ID: Job No.

2-1000

Project Name:

Jones A LS 3

Project Location:

PW 1 @ GW (10') - Separator Pit

Date: Date: 8/26/94 8/27/94 Time:

11:10

Sampled by: Analyzed by: Sample Matrix:

DLA Liquid

NV

Aromatic Volatile Organics

Component	Measured Concentration ug/L	Detection Limit Concentration ug/L
Benzene	1.0	0.2
Toluene	3.3	0.2
Ethylbenzene	ND	0.2
	39.5	0.2
m,p-Xylene o-Xylene	17.7	0.2
	TOTAL 61.5 ug/L	

ND - Not Detectable

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

Approved by:

O. Box 1980, Hobbs, NM

LETTICT II

O. Drawer DD, Artesia, NM 88211

LETTICT III

XO Rio Brazos Rd, Azlos, NM 87410

State of New Mexico Energy, Hinerals 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, Facility Or: JONES A LS Well Name	3
Well Name Location: Unit or Qtr/Qtr Sec Sec Sec Sec Sec Sec Sec Ot Pit Type: Separator Dehydrator Ot Land Type: BLM X , State , Fee ,	other
(Attach diagram) Reference: wellhead X	35, width 41, depth 12, other 90' 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): 30

Date Remediation Started:	-
Check all appropriate Landfarmed Insitu Bioremediation Other	-
Gemediation Location: Onsite X Offsite Leter landfarmed onsite, lame and location of Selection of Selection of Remedial Action: Excavation Excavation Excavation Final Pit: Sample location see Attached Documents Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date 8/26/94 Sample time Sample Results Benzene(ppm) 0.003	•
Remediation Location: Onsite X Offsite le. landfarmed onsite, lame and location of offsite facility) Reneral Description Of Remedial Action: Excavation Excavation Excavation Sample location see Attached Documents Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date 8/26/94 Sample time Sample Results Benzene(ppm) 0.003	•
Ground Water Encount:ered: No Yes Depth Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date \$\frac{1}{5}(26/94)\$ Sample times Sample Results Sample Results Benzene(ppm) \$\frac{0.003}{0.003}\$	•
Ground Water Encountered: No Yes Depth / S Final Pit: Sample location see Attached Documents Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date 8/26/94 Sample time Sample Results Benzene(ppm) 0.003	
Ground Water Encount:ered: No Yes \(\sum \) Depth / C Final Pit: Sample location see Attached Documents Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth / C Sample date 8 \(\frac{1}{26} \) 94	
Ground Water Encountered: No Yes Depth / Compared Sample location see Attached Documents Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth / Compared Sample locations and depths Sample date 8/26/94 Sample time Sample Results Benzene(ppm) 0.003	
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date \frac{10}{8/26/94} Sample time Sample Results Benzene(ppm) \frac{0.003}{0.003}	
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date \frac{70}{8/26/94} Sample time Sample Results Benzene(ppm) 0.003	
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date \frac{70}{8/26/94} Sample time Sample Results Benzene(ppm) \frac{0.003}{0.003}	
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date \frac{1}{8\llocation 94} Sample time Sample Results Benzene(ppm) \frac{0.003}{0.003}	1
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date \frac{70}{8/26/94} Sample time Sample Results Benzene(ppm) \frac{0.003}{0.003}	· '
Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date 8/26/94 Sample time Sample Results Benzene(ppm) 0.003	
Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths) Sample date 8/26/94 Sample time Sample Results Benzene(ppm) 0.003	
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample date 8/26/94 Sample time Sample Results Benzene(ppm) 0.003	-
Sample Results Benzene(ppm) 0.003	
Sample Results Benzene(ppm) 0.003	1100
Benzene(ppm) 0.003	
Field headspace(ppm)	
TPH	
	3
Ground Water Sample: Yes X No (If yes, attach samp	le results)
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMP	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE THE OF MY KNOWLEDGE AND BELIEF	
2/29/94 , DIIT	
SIGNATURE BASIAN AND TITLE ENVIRONMENTAL	

	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: 50068 C.O.C NO:
QUAD/UNIT 6 SEC: 15 TWP 28.2 RNG BW PM NO CATY 53 ST PM OATE FINISHED QTR/FOOTAGE 1460 FeL 1460 FEL CONTRACTOR MOSS SOIL REMEDIATION: EXCAVATION APPROX. 35 FT. x 41 FT. x 12 FT. DEEP. DISPOSAL FACILITY: 02 - SITE CUBIC YARDAGE: 635 LAND USE LEASE: 3F - 0.78390 FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FEET MSE FROM WELLHEAD. DEPTH TO GROUNDWATER 50 NEAREST VATER SOURCE: 7/000 / NEAREST SURFACE VATER. HIGGO RANKING SCORE 30 NADOD THA CLOSURE STD /00 PPM FORMATION MY SOIL AND EXCAVATION DESCRIPTION NO PRODUCT IR SHEED 08SERVED ON GRAINDWATER SAMPLING. SAMPLE ID. LAB NO: WEIGHT (g) MIL FREON DILUTION READING CALC. PPM SCALE O FT PERINETER IN OVM RESULTS PIT PROFILE SAMPLE ID. LAB NO: WEIGHT (g) FREX PRODUCTION READING CALC. PPM O PT PERINETER IN OVM RESULTS PIT PROFILE 35' AAMP GONNOWATER 100'	FIELD REPORT: CLOSURE VERIFICATION	PAGE No: of
SOIL REMEDIATION: EXCAVATION APPROX. 35 FT. x 41 FT. x 17 FT. DEEP. DISPOSAL FACILITY: 0.0. SITE CUBIC YARDAGE: 635 LAND USE RANGE LEASE: 5F - 0.78390 FIELD NOTES & REMARKS: PIT LICATED APPROXIMATELY 90 FEET N5E FROM WELLHEAD REPTH TO GOOLUDOWATER SIO NEAREST VATER SOURCE: >1000 / NEAREST SURFACE VATER COOD / NEAREST SURFACE VATER FORMATION MY SOIL AND EXCAVATION DESCRIPTION NO PRODUCT OF SHEEN OF SERVED ON GRANDWATER SURFACE TO SUR	QUAD/UNIT: 6 SEC: 15 TWP: 28 - RNG: 6W PM: NM CNTY: 57 ST: NM	DATE FINISHED:
DISPOSAL FACILITY: 02-517E CUBIC YARDAGE: 635 LAND USE	QTR/FOOTAGE: 1460 FOL 1460 FEL CONTRACTOR: MOSS	SPECIALIST:
DEPTH TO GROUNDWATER \$\frac{\f	DISPOSAL FACILITY: 0ルーミバモ CUBIC YARI	DAGE: <u>635</u>
SCALE O FT PIT PERIMETER N RESULTS SAMPLE 10. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC. ppm O FT PIT PERIMETER N RESULTS SAMPLE 10. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC. ppm O FT PIT PERIMETER N RESULTS SAMPLE 100 100 100 100 100 100 100 100 100 10	FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FEET 10 DEPTH TO GROUNDWATER: <50 NEAREST WATER SOURCE: >1000 NEAREST SURFACE	750 FROM WELLHEAD. WATER:
SCALE O FT PERIMETER IN RESULTS SAMPLE ID. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC. ppm OFT PIT PERIMETER IN RESULTS SAMPLE ID. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC. ppm OFT PIT PERIMETER IN RESULTS SAMPLE IED HEADSPACE ID. LAB SAMPLES TO WARRE IED HEADSPACE T	NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM	FORMATION: MV
O FT PIT PERIMETER N RESULTS PIT PROFILE SAMPLE FIELD HEADSPACE PID (ppm) 1 2 3 3 4 5 RAPPE GROWDWATER 10 PWIE GW (10) PWIE GW (10) PWIE GW (10) PWIE GW (10) PROFILE 10 RESULTS PIT PROFILE 35' GROWDWATER 10' PWIE GW (10) PROFILE 10' RAPPE GROWDWATER 10' PWIE GW (10) PROFILE 10' RAPPE GROWDWATER 10' PWIE GW (10) PTEX (8029)	FIELD 418.1 CALCULATIONS SAMPLE I.D. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALCULATIONS	L tor 501
SAMPLE FIELD HEADSPACE PID (ppm) 1 2 3 4 5 KAMP GROWDWATER 10 PLAB SAMPLES PER (8020) POR FIELD HEADSPACE PID (ppm) 1 1 2 3 1 10 POR FIELD HEADSPACE PID (ppm) 1 1 2 3 1 10 POR FIELD HEADSPACE PID (ppm) 1 1 2 3 1 10 POR FIELD HEADSPACE PID (ppm) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	O FT OVM	PROFILE
TRAVEL NOTES: CALLOUT: 8/26/94 ONSITE: 8/26/94	SAMPLE FIELD HEADSPACE PID (ppm) 1 2 3 4 5 KAMP 6 RAMP 6 LAB SAMPLES PULC 6W(10) 87EX (8029) VIELL HEAD	10'

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AROMATIC VOLATILE ORGANICS

Attn:

Nelson Velez

Date:

8/27/94

Company: Blagg Engineering

Lab ID:

1840

Address:

P.O. Box 87

Sample ID:

2719

City, State: Bloomfield, NM 87413

Job No.

2-1000

Project Name:

Jones A LS 3

Project Location:

PW 1 @ GW (10') - Production Pit

Time:

11:00

Sampled by: Analyzed by: NV DLA Date: Date: 8/26/94 8/27/94

Sample Matrix:

Liquid

Aromatic Volatile Organics

Component	Measured Concentration ug/L	Detection Limit Concentration ug/L
Benzene	2.7	0.2
Toluene	10.8	0.2
Ethylbenzene	ND	0.2
m,p-Xylene	44.9	0.2
o-Xylene	21.3	0.2
	TOTAL 79.8 ug/L	

ND - Not Detectable

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