3R - 35

REPORTS

DATE: 1994

O. Box 1980, Hobbs, NM

I ST. LCT II

O. Drawer DD, Ariesia, NM 88211

I ST. LCT III

X00 Rio Brazos Rd, Azice, NM 87410

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

Operator:	Amoco Production Company	Telephone: (505) - 326-9200				
Address:	200 Amoco Court, Farming	ton, New Mexico 87401				
	JONES A LS	•				
Location: Unit	Location: Unit or Qtr/Qtr Sec 6 Sec 5 TZEN REW County SAN THAN					
Pit Type: Sepa	$rator \times$ Dehydrator	Other				
Land Type: BL	M <u>X</u> , State, Fee _	, Other				
Pit Location: (Attach diagram)	Reference: wellhead	th 55, width 30, depth 72, X, other e: 60 nce: 67 Degrees East North X Of X West South				
Depth To Ground (Vertical distance contaminants to se nigh water elevati ground water)	e from easonal lon of	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points)				
		Yes (20 points) No (0 points)				
Distance To Sur Horizontal distan akes, ponds, rive rrigation canals	ce to perennial rs, streams, creeks,	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 8	tarted:	Date Completed: 8/29/94
Remediation Methods		Approx. cubic yards 425
(Check all appropriate aections)	Landfarmed 🔀	Insitu Bioremediation
1	Other	
:		
lemediation Location is. landfarmed onsite, name and location of offsite facility)	m: Onsite× Of	fsite
Beneral Description	Of Remedial Actio	n:
Excavation	on	
		· · · · · · · · · · · · · · · · · · ·
Bround Water Encount	ered: No	Yes X Depth 101
Final Pit: Closure Sampling: (if multiple samples,	Sample location	see Attached Documents
	Sample depth	(0)
locations and depths)	Sample date 8/26	
		Title Sample Cline 1110
	Sample Results	
•	Benzene(ppm)	
	Total BTEX(pp	m) <u>0.062</u>
	Field headspa	ce(ppm)
	ТРН	<u>.</u>
round Water Sample:	Yes 🔀 No _	(If yes, attach sample results)
HEREBY CERTIFY THAT F MY KNOWLEDGE AND I		ABOVE IS TRUE AND COMPLETE TO THE BEST
ATE 8/29/94		RIINCI.
IGNATURE BASh	PRINTED I	

CLIENT: <u>AMOCO</u> BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 C.D.C. ND: _/840
FIELD REPORT: CLOSURE VERIFICATION PAGE NO: _/ of _/
LOCATION: NAME: JONES A LS WELL #: 3 PIT: SEP QUAD/UNIT: G SEC: IS TWP: Z8A RNG: 8W PM: NM CNTY: SJ ST: NM QTR/FOOTAGE: 1460 FNL/1460 FEL CONTRACTOR: MOSS DATE STARTED: 8/26/94 DATE STARTED: 8/26/94 ENVIRONMENTAL SPECIALIST: NV
SOIL REMEDIATION: EXCAVATION APPROX. 55 FT. x 30 FT. x 10 FT. DEEP. DISPOSAL FACILITY: 00-51TE CUBIC YARDAGE: 425 LAND USE: RANGE LEASE: 5F - 078390
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 60 FEET N67W FROM WELLHEAD DEPTH TO GROUNDWATER: 450 NEAREST WATER SOURCE: > 1000 NEAREST SURFACE WATER: 41000 NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM FORMATION: NOTE: NO
SOIL AND EXCAVATION DESCRIPTION: NO PRODUCT OR SHETH OBSTRUED ON GROWN OWNTER SURFACE, SIDEWALLS NOT ACCESSIBLE FOR SOIL SAMPLING.
SCALE SCALE FIELD 418.1 CALCULATIONS SAMPLE I.D. LAB No: WEIGHT (g) mL. FREON DILUTION READING CALC. ppm
O FT PERIMETER OVM RESULTS PIT PROFILE
SAMPLE FELD HEADSPACE PLO (pprin) SAMPLE FELD HEADSPACE PLO (pprin) 1 2 3 4 5 5 LAB SAMPLES FAILE GOLD (pprin) LAB SAMPLES FAILE GOLD (pprin) FAILE GOLD (pprin
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

Address:

P.O. Box 87

Sample ID:

2720

City, State: Bloomfield, NM 87413

Job No.

2-1000

Project Name:

Jones A LS 3

Project Location:

NV

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

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
m,p-Xylene	39.5	0.2
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:

Date:

e/20/20/

,		<u> </u>							
CLIENT: AMOCE			X 87,	ENGINE BLOOM 505) 632	FIELD, N	INC. NM 87413	5		ND: <u>80068</u>
FIELD RE	FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION								
LOCATION:							_ 1	STARTED: FINISHED:	5-15-96
QUAD/UNIT: 6							ENVIRO SPECIA	ONMENTAL ALIST:	R.E.D.
SOIL REMEDIAT									
	ION SYST			<u> </u>	APPRO	OX. CUBIC	YARDA	.GE:	060
FIELD NOTES &	♥ REMAR	(5.)		=======================================					
DEPTH TO GROUNDW			WATER	SOURCE:	1000' N	EAREST SURFAC	CE WATE	ER:	000
NMOCD RANKING SCE									
SOIL CONSI	उत्त क ,	DRY SILT	7 5	בית - ניא	م عدده	10 STAIN,			
					/				
			רובו ד) 418.1 CALC	II ATIONS		((1051	E L.F.
	SAMPLE I.	LAB No:	7			READING CAL			
]	
								-	
								_	
SKETCH/SAM	MPLE LC	CATIONS							
	+++	1 1 1 1 N		OVM RI	פייוויפי	ī	AD C	AMPLE	70
= (®	1 10	_	SAMPLE	FIELD HEADSPACE	SAMPLE	AD D	TIME	RESULTS
-(_ }		\exists	comf. A	PID (ppm)	comp. A	8015	0840	ND
7			7						
LANDE	ions C								
		·							
	\ [a	(A)	d						
‡	2 Ø	⊗ .							
- wer		<u>U</u>	<u> </u>	CALE					
			$\dashv \Box$						
TIDAVEL NOTES			0	FT	**		····		
TRAVEL NOTES:	CALLOUT			00	ISITE:	5-15-96	0	P35	

FORM REVISED 4/96



TOTAL VOLATILE PETROLEUM HYDROCARBONS

Gasoline Range Organics

Blagg Engineering, Inc.

Project ID:

Jones A LS 3

Sample Matrix:

Soil

Preservative: Condition:

Cool Intact Report Date:

05/31/96

Date Sampled:

05/15/96

Date Received:

05/15/96

Date Extracted:

05/29/96

Date Analyzed:

05/29/96

Sample ID	Lab ID Concentration (mg/kg)		Detection Limit (mg/kg)	
Comp. A	3569	ND	18.4	

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

% Recovery

Acceptance Limits

Trifluorotoluene

71%

50 - 150%

Maini Ma

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation, Division

of Underground Storage Tanks.

Comments:

Poviou



TOTAL RECOVERABLE PETROLEUM HYDROCARBONS Diesel Range Organics

Blagg Engineering, Inc.

Project ID:

Jones A LS 3

Sample Matrix:

Soil Cool

Preservative: Condition:

Intact

Report Date:

05/31/96

Date Sampled:

05/15/96

Date Received:

05/15/96

Date Extracted:

05/29/96

Date Analyzed:

05/29/96

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)	
Comp. A	3569	ND	18.2	

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

% Recovery

Acceptance Limits

o - Terphenyl

84%

50 - 150%

Mening /

Reference:

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas

Chromatography." Test Methods for Evaluating Solid Waste, Physical/

Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Analyst

Review

Form	3160-5
(June	1990)

1. Type of Well
Oil
Well

Name of Operator

Gas Well

1450' FAL 1460' FEL

Other

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

	5F	-0-	>	330	90
6.	If Indian,	Allonee	Οſ	Tribe	Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

7. If Unit or CA, Agreement Designation

8. Well Name and No.

JONES A LS 3

9. API Well No.

Amoco Production Company

3. Address and Telephone No.

200 Amoco Court, Farmington, N.M. 87401 Tel: (505) 326-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5\omega /4 \quad \text{NE}/4 \quad \text{SEC.} \lambda \text{T} \text{TZ8 N}, R \text{8 w}, Nmpm

10. Field and Pool, or Exploratory Area

MESA UEROE

3004507469

11. County or Parish, State
SAN JUAN, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Notice of Intent Abandonment Recompletion Plugging Back Pinal Abandonment Notice Altering Casing Other Oth	curing ction Itiple completion on Well

Pit closure verification - see attached documentation.

4. I hereby coffift that the folegoing is true and correct Signed	TILL ENVIRO. COORDINATER	Date 8/29/94
(This space for Federal or State office use)		
Approved by	Title	Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

^{13.} Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

O. Box 1980, Hobbs, NM

ISTI, CT II

O. Drawer DD, Artesia, NM 88211

ISTI CT III

OO Rio B-2206 R4, Aztoc, NM 87410

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

Operator: Amoco Production C	Company Telephone: (505) - 326-9200			
Address: 200 Amoco Court, I	Parmington, New Mexico 87401			
Facility Or: JONES A Well Name				
Location: Unit or Qtr/Qtr Sec	sec 15 TZ82 R 8W county 5AN THAN			
Pit Type: Separator Dehydrat	tor_ Other Production TANK			
Land Type: BLM X, State,				
(Attach diagram) Reference: well Footage from ref	length 35, width 41, depth 12 Lhead X, other Ference: 90 reference: 5 Degrees X 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 No (0 points) Lomestic water source, or; less than 1000 feet from all other water sources)				
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, crigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points) / 5			
·	RANKING SCORE (TOTAL POINTS): 30			

ate Remediation 8	tarted:	Date Completed:	8/29/94
amediation Method	: Excavation $\underline{\times}$	Approx. cubic yards	635
<pre>;heck all appropriate ;ctions)</pre>		Insitu Bioremediation	*****
	Other		
e. landfarmed onsite me and location of faits facility)		fsite	•
eneral Description	Of Remedial Action	1:	·
Excavati	on		
•			
· · · · · · · · · · · · · · · · · · ·		·	
Pround Water Encoun	tered: No	Yes X. Depth 10	
Final Pit: Closure Sampling: if multiple samples, attach sample results and dragram of sample		see Attached Documents	
ocat.cons and depths)	Sample date $\frac{8/z}{}$		1100
	Sample Results		
	Benzene (ppm)	800.0	
	Total BTEX(pp		
	_		
	Field headspa		
	ТРН	_	
round Water Sample	: Yes 🔀 No	_ (If yes, attach sample	results)
HEREBY CERTIFY THA		ABOVE IS TRUE AND COMPLET	E TO THE BEST
ATE 8/29/94		D 11 x C1	
IGNATURE BASh	aw PRINTED A	VAME Duddy D. St.	valuator

BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	C.D.C. ND:			
FIELD REPORT: CLOSURE VERIFICATION	PAGE No: of			
LOCATION: NAME: JOHES A LS WELL #: 3 PIT: PROD QUAD/UNIT: 6 SEC: 15 TWP: 28 ~ RNG: 6 ~ PM: NM CNTY: 53 ST: NM	DATE STARTED: 8/24/94			
QTR/FOOTAGE: 1460 FNL 1460 FEL CONTRACTOR: MOSS	ENVIRONMENTAL NV SPECIALIST:			
SOIL REMEDIATION: EXCAVATION APPROX35 FT. x _41 FT. x DISPOSAL FACILITY:	DAGE: <u>635</u>			
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FEET N58 FROM WELLHEAD. IEPTH TO GROUNDWATER: <50 NEAREST WATER SOURCE: >1000 / NEAREST SURFACE WATER: <1000 /				
NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM	FORMATION: MV			
SOIL AND EXCAVATION DESCRIPTION: NO PRODUCT OR SHEED OF ACCESSIB SAMPLUS. FIELD 418.1 CALCULATIONS SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC	E FOR SOIL			
SCALE SAMPLE I.D. LAB No: WEIGHT (g) mL. FREON DILUTION READING CALC	ppm			
O FT A OVM	PROFILE			
A A A HI' GROWND LAB SAMPLES FORECO (10) PTEX (8020) I TO WELL HEAD	35'			
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

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

Sampled by:

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

11:00

Analyzed by: 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
ın,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