pistrict I P.O. Box 1980 House, NM Energy, Minerals and Natural Resources Department District Trny 2, Toust OIL & GAS+INSPECTOR 1000 Rio Brazos Rd. Azias PA 113 1996

State of New Mexico

OIL CONSERVATION DIVISION

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

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

PIT REMEDIATION AND CLOSURE REPORT

Amoco Production Company	Telephone: (505) - 326-9200
or Qtr/Qtr Sec_ K J	sec36 1281 R 10W county SAN TWAN
rator X Dehydrator	Other
4 <u> </u>	, Other
Reference: wellhead	th, width, depth
d Water: e from easonal ion of ction Area: et from a private urce, or; less than l other water sources)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) NOV - 8 1994 Yes (20 points) NO (0 points) OIL CON. DIV. DIST. 3
rface Water: nce to perennial ers, streams, creeks, 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):
	OMLER ATE or Otr/Otr Sec

Date Remediation St	arted:	Date Completed: //2/94
Remediation Method:		Approx. cubic yards
(Check all appropriate sections)	Landfarmed X	Insitu Bioremediation
•		
Remediation Location (ie. landfarmed onsite, name and location of offsite facility)		fsite
General Description	Of Remedial Action	n:
Excavation	on	
Ground Water Encoun	tered: No X	Yes Depth
Final Pit:	Sample location _	see Attached Documents
Closure Sampling: (if multiple samples,		
attach sample results and diagram of sample locations and depths)	Sample depth	/3'
Tocastons and debens!	Sample date ///	2/94 Sample time /445
	Sample Results	
	Benzene(ppm)	
	Total BTEX(p	pm)
	Field headsp	ace(ppm) O.O
	трн <u>32 ррм</u>	
Ground Water Sample	: Yes No _	\times (If yes, attach sample results)
OF MY KNOWLEDGE AND	AT THE INFORMATION BELIEF	ABOVE IS TRUE AND COMPLETE TO THE BEST
DATE ///3/94	1	NAME RILL D Shall
SIGNATURE BASI	naw PRINTED	NAME Buddy D. Shaw LE Environmental Coordinator

CLIENT: AMOCO	BLAGG F P.O. BOX 87, (50		ELD, N]: <u>60148</u>]:
FIELD REPOF	T: CLOSU	RE VE	RIFIC	ATION			of!_
LOCATION: NAME: OML QUAD/UNIT: ** J SEC: QTR/FUDTAGE: ** 4	36 TWP: 282 RNG:	10W PM: N	M CNTY	PI :5J st:Nm	DATE F	STARTED: FINISHED: NMENTAL LIST:/	
EXCAVATION APPROX. 17 FT. x 14 FT. x 12 FT. DEEP. CUBIC YARDAGE: 70 DISPOSAL FACILITY: 0N-5/TE REMEDIATION METHOD: LANDFALMED LAND USE: RANGE LEASE: 82-077085 FORMATION: ock/ok							
FIELD NOTES & REMAR	KS: PIT LOCATED	APPROXIMA	ATELY 5	FT	~85 € CE VATE) FROM	WELLHEAD.
NMOCD RANKING SCORE:						CK ON	
SOIL AND EXCAVATION				$\frac{1}{4}$		ABAND⊡N L TANK	INSTALLED
OK. YELL. BROWN	SAND, NON- COHE	SIVE, MOI	ST, FIRM	1, NO API	PREN	アガヒ	DOOR.
(CLOZED)	TIME SAMPLE I.D.	FIEL	D 418.1 CAL	CULATIONS ml. FREON D	XILUTION	READING	CALC. ppm
SCALE	1445 5@131	1254	5	20	1:1	8	32
O FT							
PIT PERIM	ETER 🐴	OVM RESULTS	•	PIT	PR	OFILE	
D'	SAMPI ID		DSPACE ppm)	A	141	<i>-</i>	? <i>'</i>
A O	2 e 3 e 4 e 5 e 7	81 0.0 81 0.2 81 0.2 31 0.0))			J,	z ′
AI SEP	A) A	AB SAMPLE	S	Sun Ffarie	ŕ		
756							
TRAVEL NOTES: CALLOUT	:_//2/94	ON	SITE://	12/94			
i							

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

Sample ID:

5 @ 13'

Project Location: Laboratory Number: Omler A 7 E

TPH-1254

Project #:

Date Analyzed:
Date Reported:

11-03-94 11-03-94

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	32	20

ND = Not Detectable at stated detection limits.

QA/QC:

 QA/QC Sample
 Duplicate
 %

 TPH mg/kg
 TPH mg/kg
 *Diff.

 ---- ---- ----

 568
 464
 20.16

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste,

USEPA Storet No.4551, 1978

Comments:

Separator (I) Pit - B0148

Melson Vila Analyst Review

^{*}Administrative Acceptance limits set at 30%.

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 Hexico Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Pe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

	Amoco Production Company	Telephone: (505) - 326-9200
Operator:		
Address:	200 Amoco Court, Farmington,	New Mexico 87401
Facility Or:	OMLER ATE	
WALL NAME		
Location: Unit	or Qtr/Qtr Sec K J Se	c36 T284 R 1000 county SAN JUAN
Pit Type: Sepa	rator X Dehydrator O	ther
Land Type: BL	M_X_, State, Fee	, Other
Pit Location: (Attach diagram)	Reference: wellhead X Footage from reference:	10 , width
Depth To Groun (Vertical distance contaminants to a high water elevate ground water)	ce from seasonal	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points)
domestic water so	ection Area: set from a private ource, or; less than ll other water sources)	Yes (20 points) O
Distance To Su (Horizontal distal lakes, ponds, ri- irrigation canal	ance to perennial vers, 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):
II .		

Date Remediation St	arted:	Date Completed:	11/2/04
		Approx. cubic yards	
Remediation Method: (Check all appropriate	Landfarmed X	Insitu Bioremediation	
sections)		-	
	Other		
Remediation Location (ie. landfarmed onsite, name and location of offsite facility)		fsite	-
General Description	Of Remedial Actio	n:	
Excavation	n		
Ground Water Encoun	tered: No 🔀	Yes Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location _	see Attached Documents	
attach sample results and diagram of sample	Sample depth	(1)	
locations and depths)	Sample date ///2	- 94 Sample time	1520
	Sample Results		
	Benzene(ppm)		
	Total BTEX(p		
		ace(ppm) 1.Z	
	TPH Z8 PPM		
Ground Water Sample	: Yes No _	\times (If yes, attach sample	results)
OF MY KNOWLEDGE AND		ABOVE IS TRUE AND COMPLET	TE TO THE BEST
DATE///3/94	A	RIINS	L A. 1
SIGNATURE SASI	naw AND TIT	NAME Buddy D. S.	PORdinator

					
CLIENT: AMOCO	P.O. BOX 87,	CNGINEERING, BLOOMFIELD, N 5) 632-1199	INC. IM 87413	LOCATION NO:	
FIELD REPOR	RT: CLOSU	RE VERIFIC	CATION	PAGE No:/	_ of
LOCATION: NAME: OMLE QUAD/UNIT: ** I SEC: OTR/FOOTAGE: %*[4]	36 TWP: 282 RNG:	OW PM: PM CNT	Y: SJ ST:NM	DATE STARTED: DATE FINISHED: ENVIRONMENTAL SPECIALIST:	NV
			ED CUBIC	YARDAGE:	17
EXCAVATION APPROX. 10 FT. x 11 FT. x 10 FT. DEEP. CUBIC YARDAGE: 17 DISPOSAL FACILITY: 0N-SITE REMEDIATION METHOD: LANDFARMED LAND USE: RANGE LEASE: 82-077085 FORMATION: 0CK/OK					
FIELD NOTES & REMAR	RKS: PIT LOCATED	APPROXIMATELY	<u>61</u> FT. <u>^</u>	ZYE FROM V	VELLHEAD.
DEPTH TO GROUNDWATER: 210	NEAREST WATER SE	TURCE:	NEAREST SURFACE	E WATERI	<u> </u>
NMOCD RANKING SCORE:	NMOCD TPH CLOSUR	E STD ₁ 5000 PPM		CHECK ONE PIT ABANDONE	
SDIL AND EXCAVATION	IN DESCRIPTION:			STEEL TANK I	
MOD YELL BROWN NO APPARENT	I SAND W/ SOME 6 HC ODOR.		·	HTLY Me13T	FIRM
CLOSED	TIME SAMPLE I.D.	FIELD 418,1 CA	ALCULATIONS) mL. FREON DI	LUTION READING	CALC. ppm
SCALE	1520 SR 11'	1255 5		1:1 7	28
SCALL			-		
0 FT	TOWN .	OVM	PIT	PROFILE	
PIT PERIM		RESULTS	A	" A'	
TEP 3	3 6 4 6 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6 7 5 6	7' 3.4 7' 3.0 6' 0.0 7' 1.2	10'	14/1)	
TRAVEL NOTES: CALLOU	T:	ONSITE:	11/4/77		

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:

5 @ 11'

Date Analyzed:

11-03-94

Project Location:

Omler A 7 E

Date Reported:

11-03-94

Laboratory Number:

TPH-1255

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	28	20

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample	Duplicate	%
TPH mg/kg	TPH mg/kg 	*Diff. ————
568	464	20.16

^{*}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:

Separator (II) Pit - B0148

Melson Velly nalyst Review

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

1000 Rio Brazos Rd, Aziec, 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	n, New Mexico 87401			
Facility Or: OMLER ATE	·			
Well Name				
Location: Unit or Qtr/Qtr Sec K J s				
Pit Type: Separator Dehydrator (other Production Tank			
·				
Land Type: BLM X, State, Fee, Other				
	A(A) width A(A) denth A(A)			
<pre>pit Location: Pit dimensions: lengtl (Attach diagram)</pre>				
Reference: wellhead X	, other			
Footage from reference	· 1201			
rootage from reference	•			
Direction from reference	ce: 45 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) Greater than 100 feet (0 Points)			
contaminants to seasonal high water elevation of				
ground water)				
Wellhead Protection Area:	Yes (20 points)			
(Less than 200 feet from a private	No (0 points)			
domestic water source, or; less than 1000 feet from all other water sources)				
1000 teat thom all ocuer water sources)				
	Less than 200 feet (20 points)			
Distance To Surface Water: (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):			

note nemediation G		Date Completed:_	11/2/24
<u> </u>			
Remediation Method: (Check all appropriate	7	Approx. cubic yards	
sections)	Landfarmed	•	
	Other <u>CLOSE</u>	AS 12	
Remediation Locatio (ie. landfarmed onsite, name and location of offsite facility)		fsite	·
General Description	Of Remedial Actio	n:	
Excavation	on		
Ground Water Encoun	tered: No X	Yes Depth	
			
Final Pit: Closure Sampling: (if multiple samples,	Sample location _	see Attached Documents	
attach sample results and diagram of sample	Sample denth	5 1	
locations and depths)	Sample date ///2	5 Sample time	1610
		-/ - Campie Cine	
	Sample Results		
	Benzene(ppm)		
	Total BTEX(p		
	Field headsp	ace(ppm) / · Z	
	TPH Z4 PPM		
Ground Water Sample	: Yes No	∠ (If yes, attach sample	results)
OF MY KNOWLEDGE AND		ABOVE IS TRUE AND COMPLET	TE TO THE BEST
DATE ///3/94	A	NAME Buddy D.S	1.
STENATURE BASI	PRINTED AND TIT	NAME Duddy P	haw to

CLIENT: AMOCO	P.O. BOX 8	G ENGINEERING, 7, BLOOMFIELD, (505) 632-1199		C.D.C. ND:	
FIELD REPOR	T: CLOS	SURE VERIFI	CATION	PAGE No:/_ of/_	
LOCATION: NAME: OMLE				DATE STARTED: 11/2/94	
QUAD/UNIT: * J SEC: 3				DATE FINISHED:	
OTR/FOOTAGE: NE/4	5W/4 (CONTRACTOR: EPC		SPECIALIST: NV	
EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA					
DISPOSAL FACILITY: ON-51TE REMEDIATION METHOD: CLOSE AS 15					
LAND USE: RANG	÷€ LI	EASE: 82-0776	285 FOR	MATION: OCK/DK	
FIELD NOTES & REMAR	KS: PIT LOCA	ATED APPROXIMATELY _	120 FT. 5	45 W FROM WELLHEAD.	
DEPTH TO GROUNDWATER: 7/6			NEAREST SURFACE		
NMOCD RANKING SCORE:	NMBCD TPH CL	DSURE STD: 5000 PPM		CHECK DNE : PIT ABANDONED	
SOIL AND EXCAVATIO	N DESCRIPTION	JN:		SIEEF LANK INSLYFFED	
DINE LONG	eado mul a	או <i>עלדער בון בער</i> נו	.b) \$T F)RM	NO APPARENT AC	
ODOR. PIT	SURFACE A	APPROX. 4' BELOW	GR-LND 5	NO APPARENT HC	
		FIELD 418 <u>.1 C</u>	ALCHI ATIONS		
(CLOSED)	TIME SAMPLE	D. LAB No: WEIGHT (g	mL. FREON DI	UTION READING CALC. ppm	
SCALE	1610 Des	5' 1256 5	20 1	.1 6 24	
0 FT PIT PERIME	TTER 4.1	OVM.	PIT	PROFILE	
1 1 1 DIVINI		RESULTS SAMPLE FIELD HEADSPACE PID (ppm)			
PROD	1011 · ·	1D PID (ppm) 85' /. Z			
TAJK)	3				
	4			II .	
	5		N-	T APPLICABLE	
	-Ban 5		<i>N</i> =	T APPLICABLE	
8' 0	7 E		N•	T APPLICABLE	
8'	7 E		N•	T APPLICABLE	
8	-BIAM	LAB SAMPLES SAMPLE ANALYSIS TIME	ρv •	T APPLICABLE	
TO TEST HOLE	-BIAM		<i>N</i> •	T APPLICABLE	
To THE WOLF	-BIAM		<i>N</i> •	T APPLICABLE	
TO TEST HOLE	-BIAM		<i>N</i> •	T APPLICABLE	

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:

1 @ 5'

Date Analyzed:

11-03-94

Project Location:

Omler A 7 E

Date Reported:

11-03-94

Laboratory Number:

TPH-1256

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	24	20

ND = Not Detectable at stated detection limits.

QA/QC:

 QA/QC Sample
 Duplicate
 %

 TPH mg/kg
 TPH mg/kg
 *Diff.

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 568
 464
 20.16

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste,

USEPA Storet No.4551, 1978

Comments:

Production Tank Pit - B0148

Analyst

Review

^{*}Administrative Acceptance limits set at 30%.