<u>PO Box 1980. Hobbs. NM</u>

State of New Mexico

SUBMIT 1 COP
PO Box 1980. Hobbs. NM

Energy, Minerals and Natural Resources Department

APPROPRIATE

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

Disprict II

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

IFEB 0 6 97

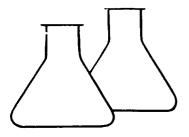
CI DOWN PIT REMEDIATION AND CLOSURE REPORT

F1/J/J/2000	CC1	
	Amoco Production Company	Telephone: (505) - 326-9200
Address:	200 Amoco Court, Farmingto	n. New Mexico 87401
Facility Or:	LACKEY B IS #	135
Location: Unit	or Qtr/Qtr SecS	Sec 70 TZ8N R 9W County JAN JUAN
Pit Type: Sepa	rator Dehydrator	Other Row
Land Type: BL	M_X, State, Fee	, Other
Pit Location: (Attach diagram)	Reference: wellhead X	
	Foctage from reference	: <u>75'</u>
	Direction from referen	ce: 30 Degrees X East North of West South X
Depth To Groun (Vertical distant contaminants to s high water elevat 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: eet from a private ource, or; less than ll other water sources)	Yes (20 points) No (0 points) _O
į ·	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): /C

Control of the contro

Date Remediation S	tarted:	Date Completed: 5/4/94
Remediation Method (Check all appropriate	: Excavation \times Appr	ex. cubic yards 30
sections)		tu Bioremediation
	Other ComposiED	
		######################################
Remediation Location (ie. landfarmed onsite	on: Onsite $\stackrel{\cdot}{}$ Offsite $\stackrel{\cdot}{}$	LACKEY B LS # 15E
name and location of offsite facility)	-	•
General Description	n Of Remedial Action:	
		and the second of the second of
		or was just a gradual
	· · · <u>-</u>	
Ground Water Encour	ntered: No X Yes	Depth
	-	
Final Pit: Closure Sampling:	Sample location REFER TO	CLOSURE VERIFICATION SHEET
(if multiple samples, attach sample results and diagram of sample		
or sembre	Sample donth	
locations and depths)	Sample depth 6	
locations and depths)	Sample date 5-4.94	Sample time
locations and depths)	Sample date 5-4-94 Sample Results	Sample time
locations and depths)	Sample date 5-4.94 Sample Results Benzene(ppm)	Sample time
locations and depths)	Sample date 5-4.94 Sample Results Benzene(ppm) Total BTEX(ppm)	
locations and depths)	Sample date 5-4.94 Sample Results Benzene(ppm)	
	Sample date 5-4-94 Sample Results Benzene(ppm) Total BTEX(ppm) Field headspace(ppm) TPH 431 PPm	99
Ground Water Sample	Sample date 5-4.99 Sample Results Benzene(ppm) Total BTEX(ppm) Field headspace(ppm) TPH 43 PPM Yes No X (If y	es, attach sample results)
Ground Water Sample	Sample date 5-4.99 Sample Results Benzene(ppm) Total BTEX(ppm) Field headspace(ppm) TPH 43 PM Yes No X (If y	99
Ground Water Sample I HEREBY CERTIFY TH	Sample date 5-4.99 Sample Results Benzene(ppm) Total BTEX(ppm) Field headspace(ppm) TPH 43 PM Yes No X (If y	es, attach sample results)

Lease = SF-0771a	6 5835'
CLIENT: Amoco ENVIROTECH Inc.	PIT NO: C4485
5796 US HWY 64, FARMINGTON, NM 87401 (505) 632-0615	C.O.C. NO: 3565
FIELD REPORT: CLOSURE VERIFICATION	JOB No: 92140 PAGE No: 1 of 1
UNIT: C SEC: 20TWP: 28 N RNG: 9W BM: UM CNTY: Sen Jun ST: NM	DATE STARTED: 5/4/94 DATE FINISHED: 5/4/94
CONTRACTOR: EPC	ENVIRONMENTAL AV
SOIL REMEDIATION: EXCAVATION APPROXO FT. x13FT. x	
LAND USE: Cangl -BLM	
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY	
NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM	
SOIL AND EXCAVATION DESCRIPTION: dark yellow brown sand, strently moist, non-c	toherive, non-plastic
collected lab sample for TPH (418.1) Se 6	1240-TIME
FIELD 418.1 CALCULATIONS SAMPLE I.D. LAB No: WEIGHT (g) ml. FREON DILUTION READING CALC	. ppm
SCALE	
O FEET OVM	
PIT PERIMETER 1 N RESULTS PIT	PROFILE
SAMPLE FIELD HEADSPACE PIO (soom) De 5' 10 A	e'
(ve) 13' -	3'
506 99	
E I DITTON	<u> </u>
ferce -	_
	-
	- -
	-



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Amoco	Project #:	92140
Sample ID:	5 @ 6′	Date Sampled:	05-04-94
Laboratory Number:	7351	Date Received:	05-05-94
Sample Matrix:	Soil	Date Analyzed:	05-09-94
Preservative:	Cool	Date Reported:	05-09-94
Condition:	Cool and Intact	Analysis Needed:	TPH

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)
	,	
Total Petroleum		
Hydrocarbons	431	10.0

ND = Parameter not detected at the stated detection limit. N/A = Not applicable

Method:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and

Waste, USEPA Storet No.4551, 1978

Comments: Lackey B LS #13E Blow Pit C4985

Analyst d. Gener

Review Journa

P.O. Box 1980. Hobbs, NM

DISTRICT II

P.O. Drawer DD, Ariess, NM 85211

DISTRICT III

1000 Rio Brazos Rd, Aziec, NM 87410

State of New Mexico SUBMIT 1 COP PO Box 1980, Hobes, NM Energy, Minerals and Natural Resources Department APPROPRIATE

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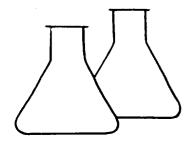
P.O. Box 2088 Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Operator:	Amoco Production Company	Telephone: (505) - 326-9200			
Address:	200 Amoco Court, Farmingtor	n. New Mexico 87401			
Pacility Or:	LACKEY B LS	# 13E			
Location: Unit or Qtr/Qtr Sec C Sec ZO T28N R 9W County 5AU JUAN					
Pit Type: Sepa	rator \times Dehydrator $_{}$ C	ther			
Land Type: BL	$M \times$, State, Fee	, Other			
Pit Location: (Attach diagram)	Pit dimensions: length Reference: wellhead ×	20', width 20', depth 8'			
	Footage from reference: 40				
		ce: 30 Degrees X East North X			
	•	of West South			
Depth To Groun (Vertical distance contaminants to s high water elevat	easonal	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points)			
ground water)	Y				
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) O (0 points)					
Distance To Su (Horizontal dista lakes, ponds, riv irrigation canals	nce to perennial ers, streams, creeks,	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points) 10			
		RANKING SCORE (TOTAL POINTS): /0			

Date Remediation St		Date Completed: 5/4/94
Remediation Method: (Check all appropriate	Excavation $\underline{ imes}$ Appr	ex. cubic yards(20
sections)		tu Bioremediation
	Other Composito	
Remediation Location (ie. landfarmed onsite, name and location of offsite facility)	on: Onsite Offsite ×	LACKEY B LS # 1SE
- '	Of Remedial Action:	
		And the second s
		e de n e e e e e e e e e e e e e e e e e e
		and the second of the second o
Ground Water Encoun	tered: No X Yes	Depth
Final Pit: Closure Sampling: (if multiple samples,	Sample location REFER TO	"CLOSURE VERIFICATION" SHEET
attach sample results and diagram of sample	Sample depth q'	
locations and depths)	Sample date S-4-94	Sample time
	Sample Results	
*	Benzene(ppm)	
	Total BTEX(ppm)	
	Field headspace(ppm)	18.
	TPH 117 APM	
		,
		es, attach sample results)
I HEREBY CERTIFY THE OF MY KNOWLEDGE AND	AT THE INFORMATION ABOVE I BELIEF	S TRUE AND COMPLETE TO THE BEST
I HEREBY CERTIFY THE OF MY KNOWLEDGE AND DATE 5/6/94	AT THE INFORMATION ABOVE I BELIEF	S TRUE AND COMPLETE TO THE BEST

	DC1770- 77 # 5F -077106	EUE. 5835
	CLIENT: AMOCO ENVIROTECH Inc. DK PIT NO.	4984
	5796 US HWY. 64, FARMINGTON, NM 87401 C.D.C. ND: (505) 632-0615	3565
	FIELD REPORT: CLOSURE VERIFICATION JOB No: 92 PAGE No: 1	. :
	LOCATION: LEASE: LACKEY B LS WELL #: 13E PIT: SEP UNIT: C SEC: 20 TWP: 28: N RNG: 9W BM: NMCNTY: AND THANKST: NM CONTRACTOR: FPC DATE STARTED: 5/4 ENVIRONMENTAL N SPECIALIST: N	
- -	SOIL REMEDIATION: EXCAVATION APPROX. ZO FT. x ZO	EEP.
•	FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 40 FEET N30 FROM W DEPTH TO GROUNDWATER: >100 NEAREST SURFACE VATER: <1000 NEAREST WATER SOURCE >100	i
÷.	NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM	
•	SOIL AND EXCAVATION DESCRIPTION: dark yellow brown sand out sine sitt, moist, slightly robesive, non-plastic	:
	FIELD 418.1 CALCULATIONS SAMPLE I.D. LAB No: WEIGHT (g) ml. FREON DILUTION READING CALC. ppm	
1	SCALE OFFET OVM PIT PERIMETER PERIMETER OVM PIT PROFILE	
	SAMPLE FIELD HEADSPACE	
2 1 2 2	10	. T
	MELL FENCE SEAR -	_
	TRAVEL NOTES: CALLOUT: $4/29/94 - = 21$ CNSiTE: $5/9/94 - \omega = 2$	
	CALLOUT: $\frac{4/24/94-52}{}$ ONSITE: $\frac{5/4/74-650}{}$	



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Amoco	Project #:	92140
Sample ID:	5 @ 9′	Date Sampled:	05-04-94
Laboratory Number:	7350	Date Received:	05-05-94
Sample Matrix:	Soil	Date Analyzed:	05-09-94
Preservative:	Cool	Date Reported:	05-09-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	117	10.0

ND = Parameter not detected at the stated detection limit. N/A = Not applicable

Method:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and

Waste, USEPA Storet No.4551, 1978

Comments: Lackey B LS #13E Separator Pit C4984