State of New Hexico

O. Sould B. Hoose, NY S. Townergy, Hinerals and Natural Resources Department

O. DEPORTY OF REASINSPECTOR

OIL CONSERVATION DIVISION

300 Rio Brazos Rd, DEC NY 51996

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

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

PIT REMEDIATION AND CLOSURE REPORT

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marstor:	Amoco Production Company	Telephone: (505) · 326-9200
		· · · · · · · · · · · · · · · · · · ·
Address:	200 Amoco Court, Farmington	n, New mexico 8/401
Pacility Or:	JUNES ? LS	
Well Name		
		ec 10 TER R Sw County SAN JUAN
pit Tyna: Sepa	rator Dehydrator	Other WAKADWA #!
Land Type: BL	M $_{ imes}$, State $_{ imes}$, Fee $_{ imes}$, Other Com. AGMT.
		30', width 30', depth 5'
Pit Location:	Pit dimensions: length	1, widen, depen
(Attach diagram)	Reference: wellhead X	, other
	Footage from reference:	
	Direction from reference	ce: 16 Degrees East North _
		of <pre> West South</pre>
•		
Depth To Groun	A Water:	Less than 50 feet (20 points)
(Vertical distance		50 feet to 99 feet (10 points) Greater than 100 feet (0 Points)
contaminants to s		Greater than 100 feet (0 Points)
high water elevat		
ground water)		
	·	
Wellhead Prote	ction Area:	Yes (20 points)
	et from a private	No (0 points)
domestic water so	urce, or; less than	
1000 feet from al	l other water sources)	
		Table 200 foot (20 noints)
Distance To Su		Less than 200 feet (20 points) 200 feet to 1000 feet (10 points)
(Horizontal dista	nce to perennial	Greater than 1000 feet (0 points)
lakes, ponds, riv irrigation canals	ers, streams, creeks, and ditches)	Ordered Citation Control (a Press /
	·	PANETHO COOPE (MOMAL BOTHER):
		RANKING SCORE (TOTAL POINTS):

Date Remediation 8	tarted:	Date Completed:_	9/19/94
Remediation Methods		Approx. cubic yards	165
(Check all appropriate (check)	Landfarmed 🔀	Insitu Bioremediation	
	Other		
	<u> </u>		
Remediation Location is landfarmed onsite, lame and location of offsite facility)	n: Onsite <u>×</u> Of	fsite	
Heneral Description	Of Remedial Actio	n:	
Excavation	on		
			•
Fround Water Encoun	tered: No 🔀	Yes Depth	
Final Pit: Closure Sampling: if multiple samples,		see Attached Documents	
it multiple samples, attach sample results and diagram of sample	Sample denth	Y'	
ocations and depths)	Sample date 9		
	Sample Results	-	
	Benzene (ppm)		
•	Total BTEX(p)		
		ace(ppm)	
•	TPH <u>ND</u>		
round Water Sample	Yes No	∠ (If yes, attach sample)	results)
HEREBY CERTIFY THA		ABOVE IS TRUE AND COMPLET	E TO THE BEST
ATE 9/19/94 IGNATURE (SAS)	PRINTED AND TITE		MU, 1
TOUNTURE (SC)	(µW MID IIII	LNYIRONMENIA C	ouga in Viok

CLIENT: AMO 60 BLAGG ENGINEERING, INC. LOCATION NO. 800	12				
P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 C.D.C. ND:					
FIELD REPORT: PIT CLOSURE VERIFICATION					
LOCATION: NAME. JONES A LS WELL #: PIT: YPKNOW # DATE STARTED: 9-6-44					
QUAD/UNIT: N SEC: 10 TWP: 28 N RNG: 8 W BM: NM CNTY: SJ ST: NM OTP/FOOTAGE: 800' FSL. 1550' FNL CONTRACTOR: MOSS ENVIRONMENTAL \$ & 60					
5	-				
DISPOSAL FACILITY: ON SITE - L.F. CUBIC YARDAGE: 165	SOIL REMEDIATION: EXCAVATION APPROX. 20 FT. x 20 FT. x 5 FT. DEEP.				
LAND USE: RANGE LEASE: # SF-078390 M	V				
FIELD NOTES & REMARKS: PIT LECATED APPROXIMATELY 120 FEET N76W FROM WELLHE	 - Δ D				
DEPTH TO GROUNDWATER 750 NEAREST WATER SOURCE 71000' NEAREST SURFACE WATER 71000'					
NMOCD PANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM					
SOIL AND EXCAVATION DESCRIPTION: MOIST, BROWN, SILTY SAND - NO COOR APPARENT.					
SOLID BOOKER BUTTON @ 5.					
HEAVY OIL STAIN APPEARS TO BE SEEPING FROM SIDEWALL	م ک				
NO OIL - JUST STAIM. RECOMMEND ADDITIONAL EXCHAPTION.	ļ				
new metal and new terms of the second of the	Ì				
FIELD 418.1 CALCULATIONS SAMPLE ID LAB No: WEIGHT (g) mL. FREON DILUTION READING CALC. ppm					
ES @ 4' 1113 10,0 20,0 10 288 5760					
SCALE 1235 De 4' TAH-1145 5 20 1:1 5 ND CWSED					
PIT PERIMETER OVM RESULTS PIT PROFILE					
SAMPLE FIELD HEADSPACE					
STEEL TH N 10 PID (appm) 1 NS - 2 7. 2 2 ESC 4 1 1 1 1					
3 ss@ 3' 15.2 4 wsc 3' 5. 9					
To 584' 0.0 NV					
- 1 9 2 5 war	. 🚽				
SANDSTINE SANDSTINE					
LAB SAMPLES	7				
KAMANAN # 2	7				
SUPFACE	7				
- CANDILET					
TRAVEL NOTES: Q-2-94 ONSITE: 9-6-97 O 8 30	#				
9-19-94 9-19-94	-				

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:

ES @ 4'

Project Location: Laboratory Number: Jones A LS 1

TPH-1113

Project #:

Date Analyzed:

9-06-94 9-06-94

Date Reported: Sample Matrix:

Soil

Parameter.

Result, mg/kg

Detection Limit, mg/kg

Total Recoverable

Petroleum Hydrocarbons

5,800

100

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg

Duplicate TPH mg/kg

%

440

450

*Diff.

2

*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:

Unknown Pit # 1 - B0072

R. E. O'Nall Analyst

Melson VIlle Review

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 @ 4'

Project Location: Laboratory Number: Jones A LS 1

TPH-1145

Project #:

Date Analyzed:

9-19-94 9-19-94

Date Reported: Sample Matrix:

Soil

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

ND = Not Detectable at stated detection limits.

OA/OC:

QA/QC Sample TPH mg/kg

372

Duplicate

TPH mg/kg

416

% *Diff.

11.17

*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:

Unknown (I) Pit - B0072

Review

O. Box 1980, Hobbs, NM

| strict II

O. Drawer DD, Artesia, NM 88211
| istrict III

XO Rio Brazos Rd, Azioc, NM 87410

State of New Hexico Energy, Minerals and Natural Resources Department

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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	New Mexico 87401
Well Name	70 P 75/40T	
Location: Unit	or Qtr/Qtr Sec Se	COUNTY TAN TWAN
Pit Type: Sepan	cator Dehydrator O	ther unknown HD.
Land Type: BLM	<u>1</u>	, Other <u>(om. AGMT.</u>
Pit Location: (Attach diagram)	Reference: wellhead X Footage from reference:	e: 76 Degrees East North West South
Depth To Ground (Vertical distance contaminants to so high water elevati ground water)	e from easonal	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 distant lakes, ponds, rive 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)
		RANKING SCORE (TOTAL POINTS):

Date Remediation St	arted:	Date Completed:	9/19/94
Remediation Method:		Approx. cubic yards	
(Check all appropriate sections)	Landfarmed 🗴	Insitu Bioremediation	
	Other		
	· .		
lemediation Location	: Onsite_X Offs	ite	
is. landfarmed onsite, ame and location of offsite facility)	- 1-11 -		-
leneral Description	Of Remedial Action:		
Excavatio	ń		
		D II.	
Fround Water Encount	cered: No A	Yes Depth	
		one Attached Documents	
Final Pit:	Sample location		
if multiple samples, ttach sample results	Mul7/	NE SHUMPLES	
nd diagram of sample ocations and depths)	Sample depth 3		
	Sample date 9.19-	Sample time	
	Sample Results		
	Benzene(ppm)		
·	Total BTEX(ppm		
	Field headspace	e(ppm) ND	
	TPH ND	•	
round Water Sample:	Yes No <u>×</u>	(If yes, attach sample	cesults)
F MY KNOWLEDGE AND		BOVE IS TRUE AND COMPLET	TO THE BEST
ATE 9/19/9 4	, PRINTED NA	BILL D SL	. A }
IGNATURE SAS 4	and TITLE	Environmental Co	nedivator

	AGG ENGINEERING, IN (87, BLOOMFIELD, NM (505) 632-1199	
FIELD REPORT	T: PIT CLOSURE VEF	
QUAD/UNIT: N SEC: 10 TWP: 28	N RNG: 8 W BM: NM CNTY:	DATE FINISHED: 9-19-94 N ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL
	PPROX. 15 FT. x <u>(S</u> ON-SITE - L.F. C	JBIC YARDAGE: /25
FIELD NOTES & REMARKS: PIT LOC DEPTH TO GROUNDWATER: 250 NEAREST NMOCD PANKING SCOPE: (0 NMOCD TE	WATER SOURCE: 71000' NEAR	
SUIL AND EXCAVATION DESCRIPTION:	MOIST, BROWN, SILTT SLIGHT OBJ, NO APP RECOMMEND ADDITIONAL E	'AREM STAIP.
SCALE SAMPLE I.D LAB No: WS @ 3' TPH - 114 6	FIELD 418.1 CALCULATIONS WEIGHT (g) mL. FREON DILUTION R 10.0 20.0 10 5 20 /:1	EADING CALC. ppm 538 10,760 4 NO LOSEIO
O FT PERIMETER I 14	OVM RESULTS SAMPLE FIELD HEADSPACE PID (oppm) 1 NSC3 Z6 2 ESC3 LO 3 SSC 3 461 4 WS C3 539 5 C3 1 0.0	PIT PROFILE
THE SURFACE SURFACE GENTLEY	LAB SAMPLES	SAMD STOM.
TRAVEL NOTES CALLOUT: 9-2-4"		6-14 1000 19-94

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:

Project Location:

Laboratory Number:

WS @ 3'

Jones A LS 1 TPH-1114 Project #:

Date Analyzed:

Sample Matrix:

9-06-94 9-06-94

Date Reported:

Soil

Parameter Result, mg/kg Limit, mg/kg

Total Recoverable

Petroleum Hydrocarbons

10,800

100

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg Duplicate TPH mg/kg % *Diff.

440

450

.....

*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:

Unknown Pit #2 - B0072

R E O'Nell

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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:

Project Location:

Laboratory Number:

5 @ 3'

Jo

Jones A LS 1 TPH-1146 Project #:

Date Analyzed:

9-19-94

Date Reported:

9-19-94

Sample Matrix:

Soil

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

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample
TPH mg/kg
372

% *Diff. — — — =

11.17

*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:

Unknown (II) Pit - B0072

Analyst

Review