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State of New Hexico Energy, Minerals and Natural Resources Department

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

O. Box 1980, Hobbs, NM En

LE DEPUTY OIL & GAS INSPECTOR

000 Rio Brazos R4, Azios, NM 87410 DEC 11 3 1996

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

# PIT REMEDIATION AND CLOSURE REPORT

PIT REMEDIATION AL	III. XIIX.
Appreced	
Operator: Amoco Production Company	Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington,	New Mexico 87401
Pacility Or: GRATNER A 3A Well Name	22 - 201 B 84) COUNTY SAN THAN
Location: Unit or Qtr/Qtr SecO Se  Pit Type: Separator Dehydrator Of	ther compressor
Land Type: BLM X , State, Fee	, Other
Footage from reference:	, 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)
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):

ate Remediation Sta	arted:	Date Completed: 9/2//94
		Approx. cubic yards
Remediation Method: (Check all appropriate sections)		Insitu Bioremediation
	Landfarmed <u>×</u>	
	Other	
emediation Location ie. landfarmed onsite, ame and location of ffsite facility)	' .	fsite
eneral Description	Of Remedial Actio	n:
Excavation		
,		
Ground Water Encoun	tered: No X	Yes Depth
Ground water znee		
		see Attached Documents
Final Pit:	Sample location	
Closure Sampling: (if multiple samples,		5 (
attach sample results	Sample depth	
locations and depths)	Sample date 9/1	Sample time 0955
	Sample Results	
	Benzene (ppm	0.004
		•
•	Total BTEX(	
·		ppm) (1932
	Field heads	ppm) 1.932 space(ppm) 724
	Field heads	ppm) <u>1.932</u> space(ppm) <u>724</u>
Ground Water Sampl	Field heads  TPH 12(6)  e: Yes X No	ppm) 1932 space(ppm) 724  cern  (If yes, attach sample results)
	Field heads  TPH 12(6)  e: Yes X No  HAT THE INFORMATION	ppm) <u>1.932</u> space(ppm) <u>724</u>

CLIENT: AMC	OCO BLA			
	DOM	GG ENGINEERING, I	M 07/119	
DIDID D	P.O. BOX	87, BLOOMFIELD, N (505) 632-1199	M 0/413   C.D.C. ND: 20	47
- FILET 1) - 12	FPORT: CL(	OSURE VERIFIC	ATION PAGE No: 1 of	f
			6/20	94
LOCATION: NAME	E: GARTNEK A	WELL #: 3A PIT: Com-	·< τ ST· Δ)Μ	
QUAD/UNIT: O	NW 14 NW 14	CONTRACTOR: MDSS	ENVIRONMENTAL NV	
COIL DEMEDIATI	ON: DYCANATION ADI	PROV 15 FT x /	FT. x _ 7 FT. DEE	Р.
DISI	POSAL FACILITY:	NOFARMED ON-SITE	CUBIC YARDAGE: 18	
LAN	D USE: RANGI	E LEASE: _	5F-080597	
5.5.5 NOTEC A	DEMARKS DIT LOCA	TED ADDODVIMATELY / 60	FFFT 547 W FROM WEL	LHEA
PEETE NOTES O	ATER: 7100 NEAREST V	VATER SOURCE: >/000 / NI	EAREST SURFACE WATER: 7/000	<u> </u>
		CLOSURE STD: 5000 PPM		V
			י א א א א א א א א א א א א א א א א א א א	
SUIL AND EXCA	l l	DRY TO SLIGHTLY MOIST, FIR	IN IS DEUSE STRONG HE OD	·R
	/	OR. GREY IN COLOR.	SAMPLE , BOTTOM SILTLY (SOFT)	
		FIELD 418.1 CALCULATIONS		
	SAMPLE I.D. LAB No:	WEIGHT (g) mL. FREON DILUTION		
0955	Des' TPH-1148	5 20 1:1	354 1216	
SCALE				
O FT	<b>A</b>	OVM		
PITI	PERIMETER 12	RESULTS	PIT PROFILE	
		SAMPLE FIELD HEADSPACE ID PID (ppm)	A A	
	7	1 € 5 724 2 € 4' 0.0	15	
	WELL WELL	38 4' 188 48 4' 38.1		_
		5e 7! 7.5	7     ,	1
}	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			
<u>_</u> ,	1 3		Solly	
112 m ~	151	LAB SAMPLES		
Sweet		DEN FULL STOR		
SWPE				
SWPE				
SWPE				
"   Oon ~	A 1) (5) (2) A 1	LAB SAMPLES		

## 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: Project Location:

1 @ 5'

Gartner A 3 A

TPH-1148

Laboratory Number:

pco Project #:

Date Analyzed:

9-20-94 9-20-94

Date Reported: Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg 
Total Recoverable Petroleum Hydrocarbons	1,200	20

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
372	416	11.17

<sup>\*</sup>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:

Compressor Pit - B0095

Allson W.L.

Review



### AROMATIC VOLATILE ORGANICS

Attn:

Nelson Velez

Date:

9/21/94

Company: Blagg Engineering

Lab ID:

2047

Address:

Sample ID:

3126

City, State: Bloomfield, NM 87413

P.O. Box 87

Job No.

2-1000

Project Name:

Gartner A 3A

**Project Location:** 

1 @ 5' - Compressor Pit

Sampled by:

NV DLA Date: Date: 9/20/94 9/21/94 Time:

9:55

Analyzed by: Sample Matrix:

Soil

#### Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
Benzene	4.1	0.2
Toluene	47	0.2
Ethylbenzene	185	0.2
	1,330	0.2
m,p-Xylene o-Xylene	366	0.2
	TOTAL 1,932 ug/kg	

ND - Not Detectable

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

Approved by: The state of 1/21/94