P.O. Box 1980, Hobbs, NM Energy, Minerals and Natural Resources Department
D. Torrick All Tourist P.O. Drawer Div Aresis, NM 18211 MITTOR A GAS INSPECTOR 1000 Rio Brazos Rd. Azioc. NM 57410 DEC 11 3 1996

State of New Mexico

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				
Agnines &				
Operator: Amoco Production Company	Telephone: (505) - 326-9200			
Address: 200 Amoco Court, Farmington, Facility Or: FORANCE 28 A	New Mexico 87401			
Facility Or: FORANCE COTTY Well Name Location: Unit or Qtr/Qtr Sec_ E sec Pit Type: Separator_ Dehydrator_ Ot Land Type: BLM X, State, Fee,	ther Compresser			
(Attach diagram) Reference: wellhead X	35', width 30', depth 7' other 80' e: 25 Degrees Mest 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 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): C			

	arted:	Date Completed:	1-30-99
Remediation Method:	Excavation X	Approx. cubic yards	
(Check all appropriate sections)	Landfarmed 🔀	Insitu Bioremediation	-
	Other		
Remediation Locatio (ie. landfarmed onsite, name and location of offsite facility) General Description Excavation	Of Remedial Actio	en:	-
Ground Water Encoun Final Pit: Closure Sampling: (if multiple samples,	Sample location _	Yes Depthsee Attached Documents	
Final Pit: Closure Sampling:	Sample location	see Attached Documents	
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample	Sample location Sample depth Sample date Sample Results Benzene(ppm) Total BTEX(p	see Attached Documents S' 7-30-99 Sample time	

- :

RESULTS TO PARL R. 9-30-94 P.C. CLIENT: AMOCO BLAGG ENGINEERING, INC. LOCATION NO: 80023 P.O. BOX 87, BLOOMFIELD, NM 87413 C.O.C. NO: _____ (505) 632-1199FIELD REPORT: CLOSURE VERIFICATION PAGE No: DATE STARTED: 7/15/94 WELL #: 28A PIT: CONPR. LOCATION: NAME: FLORANCE DATE FINISHED: 9/30/94 SEC: 3 TWP: 29 N RNG: 8W PM: NM CNTY: SJ ST: NM QUAD/UNIT: ENVIRONMENTAL NV/REG OTR/FOOTAGE: SW(4 NW/4 CONTRACTOR: MOSS EXCAUATION SPECIALIST: SOIL REMEDIATION: EXCAVATION APPROX. 35 FT. x 30 FT. x 6-7 FT. DEEP. DISPOSAL FACILITY: LANOFARMED ON - SITE CUBIC YARDAGE: 200 __ LEASE: _____ 5F- 07-8596 A RANGE LAND USE: ___ FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 80 FEET NZSE FROM WELLHEAD. DEPTH ID GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: > 1000 FORMATION: MV NMOCD RANKING SCORE: Q NMOCD TPH CLOSURE STD: 5000 PPM SOIL AND EXCAVATION DESCRIPTION: BEORDEX (SANDSTONE) SOTTOM, ORILLING MUD APPERENCE 9-30-94 | ANITIONAL EX CHATTON TO APPROX. I'M THICK ABOVE SCHOOL OF EXCHINTION SUIL TYPE IS OF A VARIETY OF TAND, SAND & GRANEL. ANDEX. 30' x 35 x 7' 1000 & CLAY MATERIAL, VARIOUS COLORS KINGLE FROM OK. YELL NO OACE OR SAIN, ORANGE TO LT MED GRAY MOIST CLAY IN STRONG DC PIT WALLS GOWHEN OLD TREE LIMES OOOL ALONG WEST SIDENALL BELOW COMPRESSOR PIPE. ETC. FROM OID RESERVE PIT, LO.0 ZO.O FIELD 4181 CALCULATIONS CLOSE PIT ^ ئىۋىكە(11) ורון WEIGHT (g) mL. FREON DILUTION READING CALC. ppm SAMPLE LD. LAB No: 153 TPH-1028 100:1 30,600 10 20 40,800 9/20 5 100:1 102 20 TPH-1147 7760 - SMALL NOCHET 732 19 SS@41 1169 10.0 20.0 0VM 18 5 10 FT 9 NS @41 10.0 PIT PROFILE PERIMETER 7 ~ RESULTS SAMPLE FIELD HEADSPACE 4001TOHAL EXAUTIO 2.6 <u>578</u> CROUND 506 9.3 111.0 211 10) WS @ 4 DS500= PIPE TRAVEL NOTES: 7/15/94 CALLOGIT:

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:

2 @ 4'

Date Analyzed:

7-15-94

Project Location:

Florance 28 A

Date Reported:

7-15-94

Laboratory Number:

TPH-1028

Sample Matrix:

Soil

Parameter	

Result, mg/kg

Detection Limit, mg/kg

Total Recoverable

Petroleum Hydrocarbons

30,600

1,000

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample
TPH mg/kg

1620

Duplicate
TPH mg/kg
-----1520

% *Diff. ----

6.37

*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 - B0023

Mehon Tely Analyst

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:

Florance 28 A

Project Location: Laboratory Number: 6 @ 4'

TPH-1147

Project #:

Date Analyzed:

9 - 20 - 94

Date Reported:

9 - 20 - 94

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
		
Total Recoverable		
Petroleum Hydrocarbons	40,800	2,000

ND = Not Detectable at stated detection limits.

QA/QC:

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

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste,

USEPA Storet No.4551, 1978

Comments:

Compressor Pit - B0023

Man Ville Analyst

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

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:

S Side @ 4' Florance 28A Date Analyzed:

9-30-94

Project Location: Laboratory Number:

TPH-1169

Date Reported: Sample Matrix:

9-30-94 Soil

Parameter

Result, mg/kg

Detection Limit, mg/kg

Total Recoverable

Petroleum Hydrocarbons

7800

100

ND = Not Detectable at stated detection limits.

QA/QC:

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

4.020

4,220

5

*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 - B0023

R. E O'Nell
Analyst

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:

N Side @ 4'

Date Analyzed:

9-30-94

Project Location: Laboratory Number: Florance 28A TPH-1170 Date Reported: Sample Matrix:

9-30-94 Soil

Parameter

Result, mg/kg

Detection Limit, mg/kg

Total Recoverable

Petroleum Hydrocarbons

18

10

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg Duplicate TPH mg/kg

% *Diff.

4,020

4,220

5

*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 - B0023

R. E. O'Nell Analyst

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:

S Side @ 5'

Date Analyzed:

9-30-94

Project Location:

Florance 28A

Date Reported:

9-30-94

Laboratory Number:

TPH-1171

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	18	10

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg Duplicate TPH mg/kg %

11 11 111g/K

*Diff.

4,020

4,220

5

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste,

USEPA Storet No.4551, 1978

Comments:

Compressor Pit - B0023

R. E. O'Nell Analyst

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