State of New Mexico

DISTRICTION

Energy, Minerals and Natural Resources Department

Distriction

OIL CONSERVATION DIVISION APPROPRIATE

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

000 Rio Brazos Rd. Azles, NM \$7410 DEC 1 3 1996

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Jan Collins		
Operator: Amoco Pr	oduction Company	Telephone: (505) - 326-9200
Address: 200 Amoc	o Court, Farmington, Ne	w Mexico 87401
Facility Or: P.O.	PIPKIN G	T Z7N R 10W County SAN JUAN
Pit Type: Separator \times Land Type: BLM \times , St	DehydratorOthe	rther
(Attach diagram) Referen	nce: wellhead \times , or from reference:	other 154 So Degrees East North West South
Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection A (Less than 200 feet from domestic water source, or	. 5 G .rea: a private ; less than	ess than 50 feet (20 points) 0 feet to 99 feet (10 points) reater than 100 feet (0 Points) Yes (20 points) No (0 points)
Distance To Surface W (Horizontal distance to plakes, ponds, rivers, stringation canals and dit	<pre>iater:</pre>	Less than 200 feet (20 points) 000 feet to 1000 feet (10 points) creater than 1000 feet (0 points) NANKING SCORE (TOTAL POINTS):

Date Remediation St	arted:	Date Completed: 9/26/94
		Approx. cubic yards
Remediation Method: (Check all appropriate	Landfarmed	Insitu Bioremediation
sections)		
	other <u>compo</u>	3/69
Remediation Locatio (ie. landfarmed onsite, name and location of offsite facility)		fsite
		n:
Excavati	on	
Ground Water Encour	tered: No 🔀	Yes Depth
ground was		
Final Pit: Closure Sampling:	Sample location	see Attached Documents
(if multiple samples, attach sample results	Sample depth	7'
and diagram of sample locations and depths)	Sample depth	7-26-94 Sample time
	Sample Results	
1	Benzene(ppm	.)
	Total BTEX(
,		pace(ppm) 3.4
	TPH 460 P	
Ground Water Sampl	e: Yes No	X (If yes, attach sample results)
I HEREBY CERTIFY TO OF MY KNOWLEDGE AN	HAT THE INFORMATION BELIEF	ON ABOVE IS TRUE AND COMPLETE TO THE BEST
DATE 9/26/94	PRINTE	ED NAME Buddy D. Shawlington THE Environmental Coordinator
SIGNATURE BAS	haw AND TI	ITLE Environmental Coordinator

__ -

CLIENT: AMOCO BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 C.D.C. ND:		
FIELD REPORT: CLOSURE VERIFICATION PAGE NO: _/ of _/ LOCATION: NAME: F.O. PIPK'N WELL #: 6 PIT: SEP QUAD/UNIT: 5 SEC: 18 TWP.Z7N RNG.10W PM:NM CNTY: ST ST:NM ENVIRONMENTAL NV ENVIRONMENTAL NV		
OTR/FOOTAGE: SWIT SELY CONTRACTOR: EPE SOIL REMEDIATION: EXCAVATION APPROX18 FT. x _2Z FT. x _9 FT. DEEP. DISPOSAL FACILITY: 6N-SITE CUBIC YARDAGE: _70 LAND USE: RANGE LEASE: SF-077875		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 154 FEET 250 FROM WELLHEAD. DEPTH TO GROUNDWATER: < 50 NEAREST WATER SOURCE: > 1000 NEAREST SURFACE WATER: < 1000 NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM FORMATION: CK		
SOIL AND EXCAVATION DESCRIPTION: OK. YELL. BROWN SOLD, NOW-EDHESIVE, SLIGHTLY MOIST, CLOSED DUE FIRM, NO APPRIENT UC ODOR. PIPING ADJACENT UNDERGLOUND PIPING SURROLNOING EXCRUPTED UNDERGLOUND PIPING SURROLNOING EXCRUPTED AREA; THELEFORE, EXCRUPTION TERMINATED.		
SAMPLE I.D. LAB No: WEIGHT (g) mL. FREON DILUTION READING CALC. ppm 327 7PH-1159 5 ZO 1: (115 460		
O FT PIT PERIMETER N RESULTS SAMPLE FIELD HEADSPACE PID (PPID) SAMPLE FIELD HEADSPACE PID (PPID) SAMPLE FIELD HEADSPACE PID (PPID) 1		
20 7 1.4 30 7 3.4 40 8 2.1 50 12 2.8		
LAB SAMPLES STADSTONE BOTTOM		
TRAVEL NOTES: CALLOUT: 9/23/94 ONSITE: 9/26/94		

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:

3 @ 7'

Project Location: Laboratory Number: P.O. Pipkin 6

TPH-1159

Project #:

Date Analyzed:

9 - 26 - 949 - 26 - 94

Date Reported:

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	460	20

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample	
TPH mg/kg	
272	

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:

Separator Pit - B0104

Manufit ...

Review

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 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

	Telephone: (505) · 326-9200
Address: 200 Amoco Court, Farmington,	New Mexico 87401
Facility Or: PO PIPKIN 6 Well Name	
Location: Unit or Qtr/Qtr Sec Se	C/8 T27N R/OW COUNTY SAN JUAN
Pit Type: Separator Dehydrator Of	ther 820W
Land Type: BLM X, State, Fee	
(Attach diagram) Reference: wellhead Footage from reference:	e: 43 Degrees East North West 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) <u> </u>
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): 30

		Date Completed:_	9/26/94
Date Remediation Sta			
Remediation Method:	Excavation \times		
(Check all appropriate sections)	Landfarmed		
	Other Comp	OSTED	
Remediation Location (ie. landfarmed onsite, name and location of offsite facility)		fsite	<u>.</u>
General Description	Of Remedial Actio	n:	
Excavation	on		
Ground Water Encoun	tered: No X	Yes Depth	
Ground water Encoun			
	cample location	see Attached Documents	
Final Pit: Closure Sampling:	Sample 100d12011		
(if multiple samples, attach sample results	Sample depth	// ⁾	
and diagram of sample locations and depths)	Sample depth	-6/9 4 Sample time	1105
	Sample Results		
	Benzene(ppm		
	Total BTEX(
	Field heads	pace(ppm) <u>4.</u>	
	TPH 36 PP	<u>m</u>	
Ground Water Sample: Yes No X (If yes, attach sample results)			
I HEREBY CERTIFY TO	HAT THE INFORMATIO D BELIEF	N ABOVE IS TRUE AND COMPL	ETE TO THE BEST
DATE 9/26/94	PRINTE	D NAME BUddy D.S.	Shaw,
SIGNATURE S	haw AND TI	TLE Environmental	Coordinator

CLIENT: AMOCO BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 C.D.C. ND:			
FIELD REPORT: CLOSURE VERIFICATION PAGE NO: _/ of _/ LOCATION: NAME: 1 0 PIPKIN WELL #: 6 PIT: BL=W DATE STARTED: 9/26/94/ DATE FINISHED			
QUAD/UNIT: O SEC: 18 TWP: 27 & RNG: 100 PM: Nm CNTY: SJ ST: Nm OTR/FOOTAGE: Sw/4 SE/4 CONTRACTOR: EPC SPECIALIST. NV			
SOIL REMEDIATION: EXCAVATION APPROX. SS FT. x 60 FT. x 14 FT. DEEP. DISPOSAL FACILITY: COMPOSTED ON-SITE CUBIC YARDAGE: 1800 LAND USE: RANGE LEASE: SF - 077875			
FEET N43W FROM WELLHEAT			
DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000' NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: /00 PPM FORMATION: 0000 NMOCD TPH CLOSURE STD: /000 PPM			
SOIL AND EXCAVATION DESCRIPTION: OK. YELL. BROWN SAND, NON-COHESIVE SLIGHTLY			
BOTTOM: DK. GRAY TO BLACK SANDSTONE, HORD, STRONG He DOOR.			
SAMPLE I.D. LAB No: WEIGHT (g) mL. FREON DILUTION READING CALC. ppm			
SCALE SCALE 20 1:1 9 36			
O FT PERIMETER 12 OVM RESULTS PIT PROFILE SAUPLE FIELD HEADSPACE A			
A 12 // / / / / / / / / / / / / / / / / /			
3 <u>@ 14</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
SANOSTONEN, L			
LAB SAMPLES			
551			

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:

2 @ 11'

Project Location: Laboratory Number: P.O. Pipkin 6

TPH-1160

Project #:

Date Analyzed:

9-26-94 9-26-94

Date Reported: Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	36	20

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample
TPH mg/kg

%
*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:

Blow Pit - B0104

Analyst T

Review