District I

State of New Mexico Energy, Minerals and Natural Resources Department

APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

SUBMIT 1 COPY TO

P.O. Box 1980, Hobbs, NM Enero District II 2 70001 P.O. Driver DD, Age a, NM 88211 District & GAS INSPECTOR

1000 Rio Brazos Rd, Azzec, NM \$7410 DEC \1 3 1996

OIL CONSERVATION DIVISION

P.O. Box 2088

E Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

11-17-18-18-18-18-18-18-18-18-18-18-18-18-18-	
and the second s	
Operator: Amoco Production Company	Telephone: (505) - 326-9200
	†
Address: 200 Amoco Court, Farmington	New Mexico 87401
	·
Facility Or: C.A. McADAMS 8 #	
Well Name	
T	- 28 m27 Al m 10 L/ country Str Muth
Location: Unit or Qtr/Qtr Sec J Se	623 12710 K O W Country 341 0 41
Pit Type: Separator Dehydrator O	ther Rlow
Pit Type: Separator benydrator o	
Land Type: BLM_X, State, Fee	, Other
pand Type.	
	,
Pit Location: Pit dimensions: length	30' width $30'$ depth $11'$
pit Location: Pit dimensions: length	30 , widen, depen
(Attach diagram) Reference: wellhead X	, other
	I
Footage from reference:	
	. To Downers Fact North
Direction from reference	e: 🚉 Degrees East North
	\underline{X} West South \underline{X}
Depth To Ground Water:	Less than 50 feet (20 points)
(Vertical distance from	Less than 50 feet (20 points) 50 feet to 99 feet (10 points)
(Vertical distance from contaminants to seasonal	Less than 50 feet (20 points)
(Vertical distance from contaminants to seasonal high water elevation of	Less than 50 feet (20 points) 50 feet to 99 feet (10 points)
(Vertical distance from contaminants to seasonal	Less than 50 feet (20 points) 50 feet to 99 feet (10 points)
(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) 20
(Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection Area:	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) Yes (20 points)
(Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection Area: (Less than 200 feet from a private	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) 20
(Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) Yes (20 points)
(Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection Area: (Less than 200 feet from a private	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) Yes (20 points)
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(Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than	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) Less than 200 feet (20 points)
(Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources) Distance To Surface Water: (Horizontal distance to perennial	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) Less than 200 feet (20 points) 200 feet to 1000 feet (10 points)
(Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources) Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks,	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) Less than 200 feet (20 points)
(Vertical distance from contaminants to seasonal high water elevation of ground water) Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources) Distance To Surface Water: (Horizontal distance to perennial	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) Less than 200 feet (20 points) 200 feet to 1000 feet (10 points)
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Date Remediation Sta	irted:	Date	Completed:	9-29-94
Remediation Method:			bic yards	
(Check all appropriate sections)	Landfarmed		oremediation _	
,	Other Com/OST			
Remediation Location (ie. landfarmed onsite, name and location of offsite facility) General Description				-
Excavation				
DACGYGLIC				
Ground Water Encoun	tered: No X	Yes	Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location	see Attached	Documents	
attach sample results and diagram of sample	Sample depth ([(
locations and depths)	Sample date 9-2			
	Sample Results			
	Benzene(ppm) _			
	Total BTEX(ppm	1)		
	Field headspac		81	
	TPH 14 19m			
		-		
Ground Water Sample	: Yes No <u>X</u>	_ (If yes,	attach sample	results)
I HEREBY CERTIFY TH OF MY KNOWLEDGE AND	HAT THE INFORMATION A	ABOVE IS TR	UE AND COMPLE	TE TO THE BEST
DATE 60/14(14		\Box	11 7 5	1-2-1
SIGNATURE BASI	PRINTED I	NAME DU	rikonmental	Poordinator

RESULTS TO ED P. 9-29-94 260 LOCATION NO. BOLO8 BLAGG ENGINEERING, INC. CLIENT: AMO CO P.O. BOX 87, BLOOMFIELD, NM 87413 C.O.C. ND: _____ (505) 632-1199FIELD REPORT: PIT CLOSURE VERIFICATION DATE STARTED: 9-29-94 LOCATION: NAME: C.A. MCADAMS & WELL # ! BLOW PIT: DATE FINISHED: _ QUAD/UNIT: J SEC. 28 TWP: 27 N RNG: 10 W BM: MM CNTY: SJ ST: NM ENVIRONMENTAL RFO OTR/FOOTAGE: NW/4 SE/4 CONTRACTOR: EPC SPECIALIST: SOIL REMEDIATION: EXCAVATION APPROX. 30 FT. x 30 FT. x 11 FT. DEEP. DISPOSAL FACILITY: ON SITE - COMPOST CUBIC YARDAGE: 350 LEASE: FEA LIET SF -077941 -A LAND USE: RNGE FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 17.5 FEET $520^{\circ}\omega$ from Wellhead. DEPTH TO GROUNDWATER: 450' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000 MMBCD PANKING SCORE: 20 NMBCD TPH CLOSURE STD: 100 PPM ATT DISPOSITION! ABHV. SALL AND EXCAVATION DESCRIPTION: MOIST, BROWN, COMPSE SAND TO SIGT SAND - V. STIFF SILT STONE ROTTUM. CLOSE PIT FIELD 418.1 CALCULATIONS WEIGHT (a) mL. FREON DILUTION READING CALC. ppm SAMPLE I.D. LAB No: 14 10.0 20.0 CB@11' 1166 SCALE 0 10 Z°FT OVM PIT PROFILE PIT PERIMETER RESULTS SAMP_E FIELD HEADSPACE FID (ppm) 1 NS @ 5. 5 E76 (, WASH 355@ 7' 4wse 7' WELLI 5CBC1 LAB SAMPLES TO METER HOUSE ____ONSITE: 9-29-44 TRAVEL NOTES: 1230 CALLOUT: 9-29-94

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:

C Bottom @ 11'

C.A. Mc Adams B 1

Project Location: Laboratory Number: Project #:

Date Analyzed: Date Reported:

Sample Matrix:

9-29-94

9-29-94 Soil

TPH-1166

Detection Result, mg/kg Limit, mg/kg Parameter

Total Recoverable Petroleum Hydrocarbons

14

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

*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 - B0108

<u>β</u>, ε, o nal Analyst

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Arlesia, NM 88211

District III

1000 Rio Brazos Rd, Azlee, 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

Operator: Amoco Production	Company Telephone: (505) - 326-9200
	Farmington, New Mexico 87401
Facility Or: C.A. McAc	
Location: Unit or Qtr/Qtr Sec J	sects 270 RION County SAN THAN
Pit Type: Separator Dehydr	atorOther
Land Type: BLMX, State	, Fee, Other
(Attach diagram) Reference: we Footage from r	: length <u>76</u> , width <u>75</u> , depth <u>15</u> llhead X, other eference: <u>178</u> reference: <u>52</u> Degrees X East North of West South X
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 th 1000 feet from all other water sou	an
Distance To Surface Water: (Horizontal distance to perennial	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) eks, Greater than 1000 feet (0 points)
lakes, ponds, rivers, streams, cre irrigation canals and ditches)	eks, Greater than 1000 rect (o points,

Date Remediation St	arted:	Date Completed:_	10-5-44
Remediation Method: Excavation 🔀		Approx. cubic yards	265
(Check all appropriate sections)	Landfarmed	Insitu Bioremediation	
	Other Compos	STED	
Remediation Locatio (ie. landfarmed onsite, name and location of offsite facility)		site	-
General Description	Of Remedial Action		
Excavation	on		
Ground Water Encoun	tered: No 🔀	Yes Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location	see Attached Documents	
attach sample results and diagram of sample	Sample depth	[l'	
locations and depths)	Sample date	S-94 Sample time	
	Sample Results		
	Benzene(ppm)	Accessing the second contractions of the second sec	
	Total BTEX(pr	om)	
	Field headspa	ace(ppm) <u>1362</u>	
	TPH 5720	ppm	
Ground Water Sample	Yes No	∠ (If yes, attach sample	e results)
I HEREBY CERTIFY TH OF MY KNOWLEDGE AND	AT THE INFORMATION BELIEF	ABOVE IS TRUE AND COMPLE	ETE TO THE BEST
DATE 10/14/94 SIGNATURE ASS	PRINTED AND TITE	NAME Buddy D.S LE Environmental	haw 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: C.A. McADAMS WELL #: & PIT: SEP DATE STATED: 10/5/94' QUAD/UNIT: J SEC: 28 TWP: 77 ~ RNG: 100 PM: Nm CNTY: 5T ST: Nm QTR/FOOTAGE: NW/Y 5E/Y CONTRACTOR: EPC ENVIRONMENTAL SPECIALIST: NV
SOIL REMEDIATION: EXCAVATION APPROX. 26 FT. x 25 FT. x 15 FT. DEEP. DISPOSAL FACILITY: composited on-site cubic yardage: 265 LAND USE: RANGE LEASE: SF-077941-A
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 178 FEET 5525 FROM WELLHEAD. DEPTH TO GROUNDWATER <50 NEAREST WATER SOURCE: 2 1000 NEAREST SURFACE WATER
BOTTON: SOFT SANDSTONE, LT. GRAY IN COLOR, SLIGHT HC DOOR. WOERERAND PIPME SURPLINE EXCAUNTED PIT.
SAMPLE I.D. LAB NO: WEIGHT (q) mL. FREON DILUTION READING CALC. ppm
O FT PIT PERIMETER N RESULTS SAMPLE FIELD HEADSPACE PID (ppm) 1/0 11/ G46 26' A' 1860 EXPOSED 26' 11' 1362 40' 12' 786
4
PIRACE GOING TO STEEL TANK TRAVEL NOTES: CALLOUT: 10/5/94 ONSITE: 10/5/94

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: Project Location: 3 @ 11'

C. A. McAdams B 1

Laboratory Number:

TPH-1173

Project #:

Date Analyzed:

10-05-94

Date Reported:

10-05-94

Soil Sample Matrix:

Parameter	Result, mg/kg	Detection Limit, mg/kg —————
Total Recoverable Petroleum Hydrocarbons	5,700	200

ND = Not Detectable at stated detection limits.

OA/OC:

QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Difi.
4020	4220	4.85

^{*}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 - B0108

Thon Vel

Review

