

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

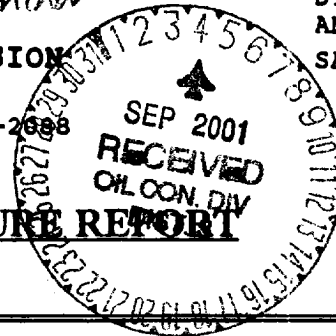
State of New Mexico
Energy, Minerals and Natural Resources Department

80249
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OIL CONSERVATION DIVISION

Box 2088
Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT



Blow Pit OK 12/11/01 V
Groundwater Impact - looks minor
LF cleared 12/11/01

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: DUFF GAS COM B 1
Well Name _____
Location: Unit or Qtr/Qtr Sec P Sec 27 T 30N R 12W County SAN JUAN
Pit Type: Separator ___ Dehydrator ___ Other BLOW
Land Type: BLM __, State __, Fee X, Other _____

Pit Location: Pit dimensions: length 15', width 10', depth 10'
(Attach diagram)
Reference: wellhead X, other _____
Footage from reference: 300
Direction from reference: 30 Degrees X East North X
of
___ West South ___

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 Points) 20
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 0
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 20

Date Remediation Started: _____ Date Completed: 3-23-95Remediation Method: Excavation X Approx. cubic yards 40
(Check all appropriate sections) Landfarmed X Insitu Bioremediation _____

Other _____

Remediation Location: Onsite X Offsite _____
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation

NMOCD LETTER CORRESPONDENCE 7/10/96

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Sample location see Attached Documents

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 16'Sample date 3-23-95 Sample time _____

Sample Results

Benzene(ppm) 0.0006Total BTEX(ppm) 0.0402Field headspace(ppm) 149TPH 16 ppmGround Water Sample: Yes _____ No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 4-6-95

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
Environmental Coordinator

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: Bottom @ 10'
Project Location: Duff Gas Com B 1
Laboratory Number: TPH-1421

Project #:
Date Analyzed: 3-23-95
Date Reported: 3-23-95
Sample Matrix: Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	16	10

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg -----	Duplicate TPH mg/kg -----	% *Diff. -----
	14,000	13,000	7

*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 - B0249

R. E. O'Neill
Analyst

John V. Blagg
Review

OFF: (505) 325-8786

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn: *R. E. O'Neill*
Company: *Blagg Engineering*
Address: *P.O. Box 87*
City, State: *Bloomfield, NM 87413*

Date: *3/24/95*
COC No. *2919*
Sample ID: *5649*
Job No. *2-1000*

Project Name: *Duff Gas Com B #1*
Project Location: *B @ 10'*
Sampled by: *REO* Date: *3/23/95*
Analyzed by: *DLA* Date: *3/24/95*
Sample Matrix: *Soil*

Time: *9:10*

Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
<i>Benzene</i>	<i>0.6</i>	<i>0.2</i>
<i>Toluene</i>	<i>4.6</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>2.5</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>26.7</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>5.8</i>	<i>0.2</i>
	<i>TOTAL 40.2 ug/kg</i>	

ND - Not Detectable

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

Approved by: *DLA*
Date: *3/24/95*

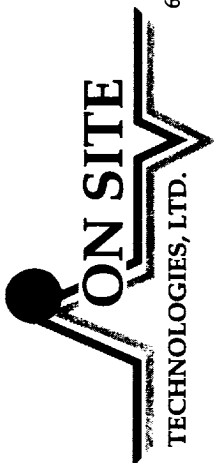
P. O. BOX 2606 • FARMINGTON, NM 87499

— TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT —

CHAIN OF CUSTODY RECORD

Date: 5.23.13

657 W. Maple • P.O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

[illegible]

Distribution:	White – On Site	Yellow – LAB	Pink – Sampler	Goldenrod – Client
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CLIENT: AMOCOBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: 80249

C.D.C. NO: _____

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: DAFF GC WELL #: B1 PITS: SEP.DATE STARTED: 8/10/96

DATE FINISHED: _____

QUAD/UNIT: P SEC: 27 TWP: 30N RNG: 12W PM: NM CNTY: ST ST: NMENVIRONMENTAL
SPECIALIST: NVQTR/FOOTAGE: SE14 SE14CONTRACTOR: MOSS

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARMEDAPPROX. CUBIC YARDAGE: 600LAND USE: RANGELIFT DEPTH (ft): 1'

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: <1000' NEAREST SURFACE WATER: <200'NMOCB RANKING SCORE: 60 NMOCB TPH CLOSURE STD: 100 PPM

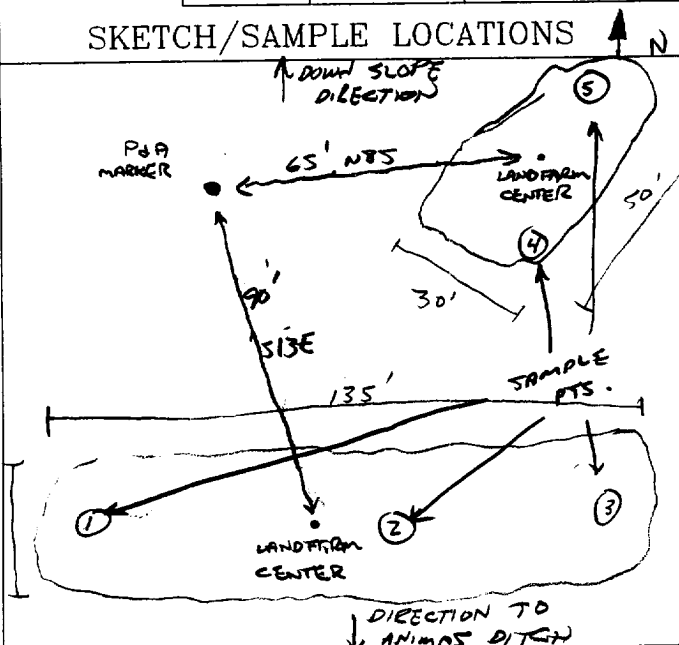
WELL HAS BEEN P&A'D (NO DATE ON MARKER) TWO SEPARATE
LANDFARMS OBSERVED, MOSTLY RIVER COBBLES OF VARYING SIZE,
DIFFICULT TO OBTAIN SOIL SAMPLE DUE TO THE LARGE QUANTITY OF
GRAVEL & COBBLES. 5 PT. COMPOSITE COLLECTED.

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1010	LF-1	TPH-1769	5	20	1:1	16	64

CLOSED

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0				

SCALE

0 FT

TRAVEL NOTES:

CALLOUT: NAONSITE: 8/10/96

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: LF - 1
Project Location: Duff GC B1
Laboratory Number: TPH-1769

Project #:
Date Analyzed: 08-10-96
Date Reported: 08-10-96
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	64	20

ND = Not Detectable at stated detection limits.

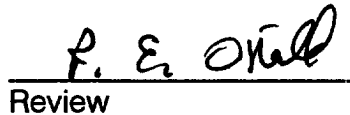
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	3292	3536	7.15

*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: Landfarm (5 pt. composite) - B0249


Analyst


Review

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax (505)632-3903

Field TPH-Worksheet

Max Characters:

Client:

AMOCO

Project #:

Sample ID:

LF - 1

Date Analyzed:

08-10-96

Project Location:

Duff GC B1

Date Reported:

08-10-96

Laboratory Number:

TPH-1769

Sample Matrix:

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

16 mg/kg

TPH Result:

64.0 mg/kg

Reported TPH Result:

64 mg/kg

Actual Detection Limit:

20.0 mg/kg

Reported Detection Limit:

20 mg/kg

QA/QC:

Original
TPH mg/kg

Duplicate
TPH mg/kg

%
Diff.

3292

3536

7.15

Comments:

*****Max Characters*****

Comments:

Landfarm (5 pt. composite) - B0249