

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 9-30-94

Remediation Method: Excavation ☒ Approx. cubic yards _____
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____
Other _____

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

General Description Of Remedial Action: _____
Excavation

Ground Water Encountered: No ☒ 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 5'
Sample date 9-30-94 Sample time _____

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 1.3

TPH 18 ppm

Ground Water Sample: Yes _____ No ☒ (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 10-3-94

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80023</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: <u>FLORANCE</u> WELL #: <u>28A</u> PIT: <u>CONPR.</u>	DATE STARTED: <u>7/15/94</u> DATE FINISHED: <u>9/10/94</u>
QUAD/UNIT: <u>E</u> SEC: <u>3</u> TWP: <u>29N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>NV/RFO</u>
DIR/FOOTAGE: <u>SW/4 NW/4</u> CONTRACTOR: <u>MOSS EXCAVATION</u>	

SOIL REMEDIATION: EXCAVATION APPROX. 35 FT. x 30 FT. x 6-7 FT. DEEP.
 DISPOSAL FACILITY: LANDFARMED ON-SITE CUBIC YARDAGE: 200
 LAND USE: RANGE LEASE: SF-078596 A

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 80 FEET NZSE FROM WELLHEAD.
 DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
 NMOC RANKING SCORE: 0 NMOC TPH CLOSURE STD: 5000 PPM FORMATION: MV

SOIL AND EXCAVATION DESCRIPTION: BEDROCK (SANDSTONE) BOTTOM, DRILLING MUD APPEARANCE
9-30-94 ADDITIONAL EXCAVATION TO
APPROX. 30' x 35' x 7' DEEP
NO OIL OR SLURRY
PIT WALLS CONTAIN OLD TREE LIMBS
ETC. FROM OLD REMED. PIT,
APPROX. 1 1/2' THICK ABOVE BOTTOM OF EXCAVATION.
SOIL TYPE IS OF A VARIETY OF SAND, SAND & GRAVEL,
& CLAY MATERIAL, VARIOUS COLORS RANGING FROM DK. YELL.
ORANGE TO LT. MED GRAY. MOIST CLAY w/ STRONG HC
ODOR ALONG WEST SIDEWALL BELOW COMPRESSOR PIPE.

SAMPLE ID	LAB No.	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC. ppm
② @ 4'	TPH-1028	10	20	100:1	153	30,600
③ @ 4'	TPH-1147	5	20	100:1	102	40,800
⑦ SSC @ 4'	1169	10.0	20.0	10:1	382	7760
⑧ NS @ 4'	1170	10.0	20.0	-	9	18

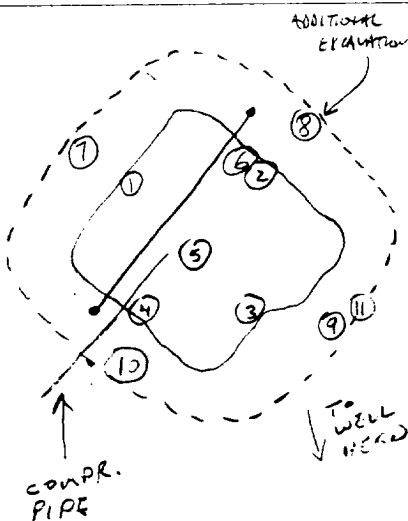
CLOSE PIT

SCALE 0 5 10 FT

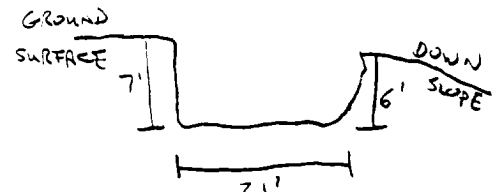
PIT PERIMETER

OVM RESULTS

PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 3'	2.6
2 @ 4'	601
3 @ 3'	218
4 @ 4'	578
5 @ 6'	506
6 @ 4'	273
7 NS @ 4'	1.7
8 ES @ 4'	9.3
9 SSC @ 4'	111.0
10 WS @ 4'	1.3
11 SSC @ 5'	1.3



TRAVEL NOTES: CALLOUT: 7/15/94 ONSITE: 7/15/94

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: 2 @ 4'
Project Location: Florance 28 A
Laboratory Number: TPH-1028

Project #:
Date Analyzed: 7-15-94
Date Reported: 7-15-94
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.

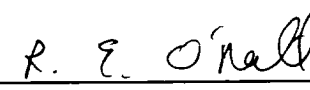
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	1620	1520	6.37

*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


Analyst


Review

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**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client: Amoco
Sample ID: 6 @ 4'
Project Location: Florance 28 A
Laboratory Number: TPH-1147

Project #:
Date Analyzed: 9-20-94
Date Reported: 9-20-94
Sample Matrix: Soil

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

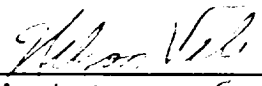
ND = Not Detectable at stated detection limits.

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

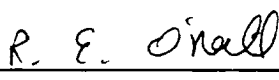
*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total
Recoverable, Chemical Analysis of Water and Waste,
USEPA Storet No.4551, 1978

Comments: Compressor Pit - B0023



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**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client: Amoco
Sample ID: S Side @ 4'
Project Location: Florance 28A
Laboratory Number: TPH-1169

Project #:
Date Analyzed: 9-30-94
Date Reported: 9-30-94
Sample Matrix: 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'Neill
Analyst

J. C. Blagg
Review

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**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client: Amoco
Sample ID: N Side @ 4'
Project Location: Florance 28A
Laboratory Number: TPH-1170

Project #:
Date Analyzed: 9-30-94
Date Reported: 9-30-94
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 -----	% *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

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**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client: Amoco
Sample ID: S Side @ 5'
Project Location: Florance 28A
Laboratory Number: TPH-1171

Project #:
Date Analyzed: 9-30-94
Date Reported: 9-30-94
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 -----	% *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

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