

Denny & Faust SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
DEPUTY OIL & GAS INSPECTOR

PIT REMEDIATION AND CLOSURE REPORT

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 4/17/96

Remediation Method: Excavation ☒ Approx. cubic yards 2775
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite ☒ JICARILLA L.L.P. - LANDFARM #2
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: EXCAVATION + HAULGroundwater Encountered: No ☒ Yes _____ Depth _____

Final Pit: Sample location SEE CLOSURE VERIFICATION - FIELD REPORT
Closure Sampling: ATTACHED
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth 24'
- Sample date 4/17/96 Sample time 1450

Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>2.1</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>36</u>	Total Xylenes	(ppb)	_____

Groundwater 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 APRIL 17, 1996 PRINTED NAME JEFFREY C. BLOGG
SIGNATURE Jeffrey C. Blogg AND TITLE P.E. # 11607

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO _____ (REASON) _____

SIGNED: Jeffrey C. Blogg DATE: 4-22-96

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CA358</u> C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>7</u> of <u>1</u>
LOCATION: NAME: <u>JICARILLA</u> WELL #: <u>011A</u> PIT: <u>BLOW</u> QUAD/UNIT: <u>P</u> SEC: <u>29</u> TWP: <u>26N</u> RNG: <u>3W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTR/FOOTAGE: <u>790' FSL / 790' FEL</u> CONTRACTOR: <u>P+S / ACME</u>		DATE STARTED: <u>4/17/96</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. 52 FT. x 51 FT. x 30 FT. DEEP. CUBIC YARDAGE: 2775

DISPOSAL FACILITY: JICARILLA L.L.P. LANDFARM #2 REMEDIATION METHOD: LANDFARMED

LAND USE: RANGE LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 96 FT. 540 E FROM WELLHEAD.

DEPTH TO GROUNDWATER: 2100' NEAREST WATER SOURCE: 21000' NEAREST SURFACE WATER: >1000'

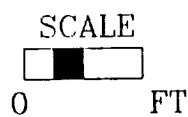
NMOCJ RANKING SCORE: 0 NMOCJ TPH CLOSURE STD: 5000 PPM

CHECK ONE:
☒ PIT ABANDONED
☐ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

OK. YELL. BROWN SAND, NON-COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HC ODOR IN ANY OF THE OVM SAMPLES.

BOTTOM - BEDROCK, SHALE, SOFT, SLIGHT HC ODOR IN OVM SAMPLE.



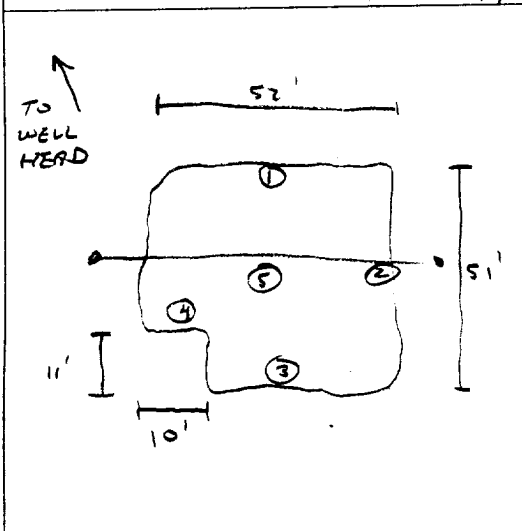
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
<u>1450</u>	<u>1 @ 24'</u>	<u>TAH-1713</u>	<u>5</u>	<u>20</u>	<u>1:1</u>	<u>9</u>	<u>36</u>

PIT PERIMETER

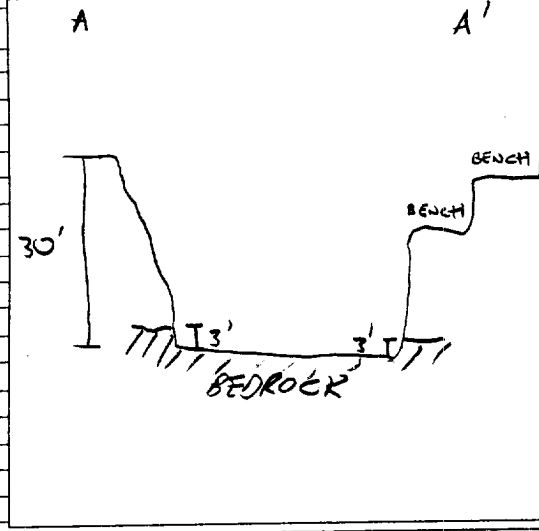
OVM RESULTS

PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
<u>1 @ 24'</u>	<u>2.1</u>
<u>2 @ 24'</u>	<u>0.0</u>
<u>3 @ 24'</u>	<u>1.0</u>
<u>4 @ 24'</u>	<u>0.0</u>
<u>5 @ 30'</u>	<u>51.4</u>

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME



TRAVEL NOTES: CALLOUT: 4/17/96 LATE MORN. ONSITE: 4/17/96 EARLY AFTER.

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: CONOCO, INC.
Sample ID: 1 @ 24'
Project Location: Jicarilla D 11 A
Laboratory Number: TPH-1713

Project #:
Date Analyzed: 04-17-96
Date Reported: 04-17-96
Sample Matrix: Soil

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

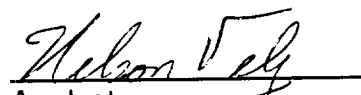
ND = Not Detectable at stated detection limits.

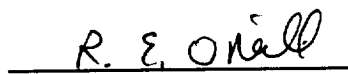
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
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	4640	4500	3.06

*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 - CA358


Analyst


Review