

**SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION**

CA362

10

Date Remediation Started: _____ Date Completed: 4/24/96

Remediation Method: Excavation ☒ Approx. cubic yards 20
 (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 & HAUL.

Groundwater 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 4'
 Sample date 4/24/96 Sample time 1300

Sample Results

Soil: Benzene	(ppm) _____	Water: Benzene	(ppb) _____
Total BTEX	(ppm) _____	Toluene	(ppb) _____
Field Headspace	(ppm) <u>0.0</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>72</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 24, 1996 PRINTED NAME JEFFREY C. BLAKE
 SIGNATURE Jeffrey C. Blake 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: Gabriel J. [Signature] DATE: 4/25/96

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CA362</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>APACHE</u>	WELL #: <u>3E</u>	PIT: <u>PROD.</u>	DATE STARTED: <u>4/24/96</u>
QUAD/UNIT: <u>H</u> SEC: <u>19</u> TWP: <u>26N</u> RNG: <u>3W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>			DATE FINISHED: _____
QTR/FOOTAGE: <u>1710' FNL / 1120' FEL</u>			ENVIRONMENTAL SPECIALIST: <u>NV</u>
CONTRACTOR: <u>P&S/ACME</u>			

EXCAVATION APPROX. <u>16</u> FT. x <u>14</u> FT. x <u>4</u> FT. DEEP.	CUBIC YARDAGE: <u>20</u>
DISPOSAL FACILITY: <u>TIKARILLA L.L.P. LANDFARM #2</u>	REMEDIAL METHOD: <u>LANDFARMED</u>
LAND USE: <u>RANGE</u>	LEASE: <u>CONTRACT #98</u>
FORMATION: _____	

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>144</u> FT. <u>N55E</u> FROM WELLHEAD.		
DEPTH TO GROUNDWATER: <u><100'</u>	NEAREST WATER SOURCE: <u>>1000'</u>	NEAREST SURFACE WATER: <u>>1000'</u>	
NMOCB RANKING SCORE: <u>0</u>	NMOCB TPH CLOSURE STD: <u>1000</u> PPM		

CHECK ONE:

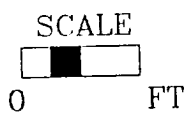
☒ PIT ABANDONED

☐ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

DR. YELL BROWN SILTY SAND, NON-COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HC ODOR IN ANY OF THE OVM SAMPLES, DRILLING MUD ENCOUNTERED JUST BELOW PIT BOTTOM.

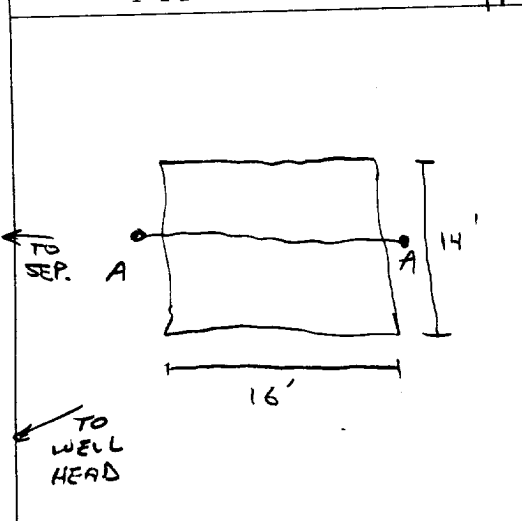
CLOSED



FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC. ppm
1300	6e4'	TPH-1716	5	20	1:1	18	72

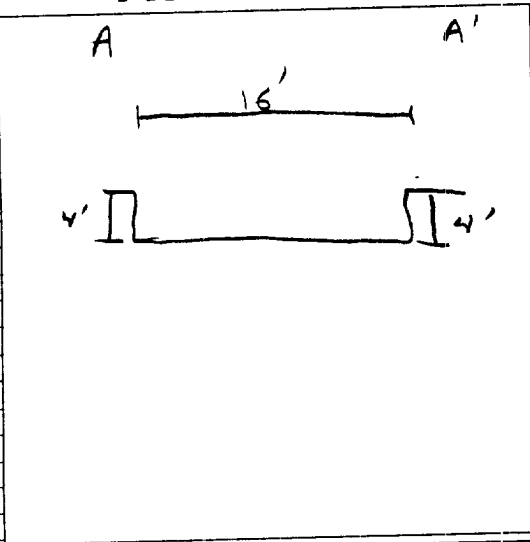
PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE P10 (ppm)
1 @ 2'	0.0
2 @ 2'	0.0
3 @ 2'	0.0
4 @ 2'	0.0
5 @ 4'	0.0

PIT PROFILE



LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES:	CALLOUT: <u>4/23/96</u>	ONSITE: <u>4/24/96</u>
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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
Sample ID: 5 @ 4'
Project Location: Apache # 3E
Laboratory Number: TPH-1716

Project #:
Date Analyzed: 04-24-96
Date Reported: 04-24-96
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	72	20

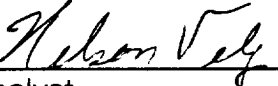
ND = Not Detectable at stated detection limits.

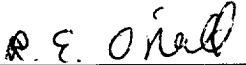
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	4640	4500	3.06

*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: Production Tank Pit - CA362


Analyst


Review