

Denney
DEPUTY

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

CAS82

OK

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

AUG 24 1999

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator: CONOCO, INC. Telephone: (505) 324-5884

Address: 3315 Bloomfield Hwy., Farmington, NM 87401

Facility or Well Name: AXI APACHE K #2A

Location: Unit or Qtr/Qtr Sec P Sec 4 T 26N R 5W County RIO ARriba

Pit Type: Separator Dehydrator Other

Land Type: RANGE

Pit Location: Pit dimensions: length 25', width 22', depth 4'
(Attach diagram)

Reference: wellhead , other

Footage from reference: 66'

Direction from reference: 85 Degrees East of North
 West of South

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources)	Yes	(20 points)	
	No	(0 points)	<u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet	(20 points)	
	100 feet to 1000 feet	(10 points)	
	Greater than 1000 feet	(0 points)	<u>0</u>
RANKING SCORE (TOTAL POINTS):			<u>0</u>

Date Remediation Started: _____ Date Completed: 7/7/98

Remediation Method: Excavation Approx. cubic yards 175
ck all appropriate sections) Landfarmed Insitu Bioremediation _____
Other _____

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

General Description of Remedial Action: Excavation. EXCAVATION CONSIST OF MOSTLY BEDROCK, THEREFORE NO TPH ANALYSIS WAS CONDUCTED.

Groundwater 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' (WEST SIDE ALL)
Sample date 7/7/98 Sample time 1135

Sample Results

Soil: Benzene	(ppm) _____	Water: Benzene	(ppb) _____
Total BTEX	(ppm) _____	Toluene	(ppb) _____
Field Headspace	(ppm) <u>84.9</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>NA</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 7/7/98 PRINTED NAME Jeffrey C. Blagg, P.E. #11607
SIGNATURE Jeffrey C. Blagg AND TITLE President

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: Kent M... [Signature] DATE: 9-9-98

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CA582</u> C.D.C. NO: _____
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FIELD REPORT: <u>CLOSURE VERIFICATION</u>	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>AXI APACHE K</u> WELL #: <u>2A</u> PIT: <u>SEP</u>	DATE STARTED: <u>7/7/98</u> DATE FINISHED: _____
QUAD/UNIT: <u>P</u> SEC: <u>4</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>SE14</u> <u>SE14</u> CONTRACTOR: <u>JVC</u>	

EXCAVATION APPROX. <u>25</u> FT. x <u>22</u> FT. x <u>9</u> FT. DEEP. CUBIC YARDAGE: <u>175</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u> LEASE: <u>CONTRACT #151</u> FORMATION: <u>MU/PC</u>

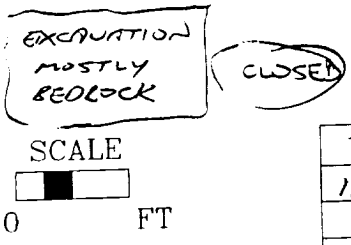
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 66 FT. S85W FROM WELLHEAD.
 DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

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

SOIL AND EXCAVATION DESCRIPTION:

- CHECK ONE:
- PIT ABANDONED
 - STEEL TANK INSTALLED
 - FIBERGLASS TANK INSTALLED

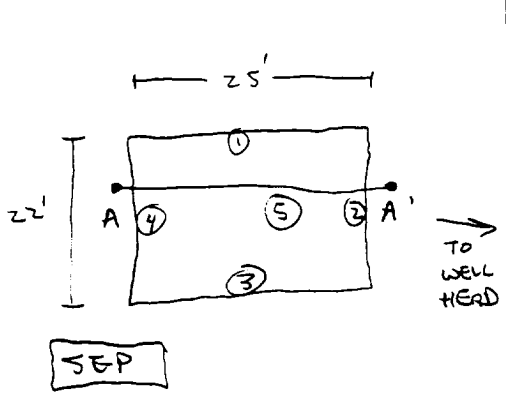
EXCAVATION CONSIST OF MOSTLY BEDROCK (SHALE), PREDOMINANTLY DUSKY RED TO MED. GRAY IN COLOR, FRAGILE TO VERY HARD SLIGHT HC DDOR IN WEST SIDEWALL DUM SAMPLE ONLY, NO OBVIOUS 'STRAWING' OR HC DDOR OBSERVED W/IN EXCAVATION, ALL DUM SAMPLES COLLECTED FROM BEDROCK, THEREFORE NO TPH ANALYSIS WAS CONDUCTED.



FIELD 418.1 CALCULATIONS

TIME	SAMPLE .D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1135							

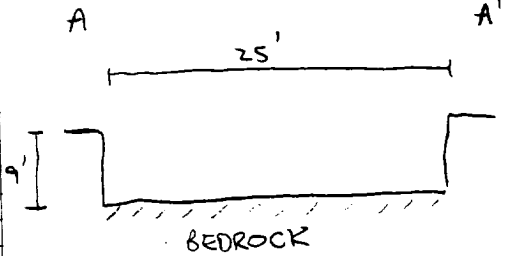
PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 5'	12.4
2 @ 4'	6.0
3 @ 5'	0.0
4 @ 5'	84.9
5 @ 9'	0.0

PIT PROFILE



LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES: CALLOUT: 7/2/98 ONSITE: 7/7/98

CA586

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

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

ON-SITE SOIL REMEDIATION REPORT

Operator: Conoco, Inc. Telephone: (505) 324-5884

Address: 3315 Bloomfield Hwy., Farmington, NM 87401

Facility or Well Name: AXI APACHE K #2A

Location: Unit or Qtr/Qtr Sec P Sec 4 T 26N R 5W County RIO ARriba

Land Type: RANGE

Date Remediation Started: 7/7/98 Date Completed: 5/14/99

Remediation Method: Landfarmed Approx. cubic yards 175
Composted
Other

Depth To Groundwater: (pts.) 0
Distance to an Ephemeral Stream (pts.) 0
Distance to Nearest Lake, Playa, or Watering Pond (pts.) 0
Wellhead Protection Area: (pts.) 0
Distance To Surface Water: (pts.) 0
RANKING SCORE (TOTAL POINTS): 0

Final Closure Sampling:
Sampling Date: 5/12/99 Time: 1030
Sample Results:
Field Headspace (ppm) 0.0
TPH (ppm) ND Method 8015
Other

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

DATE 5/14/99 PRINTED NAME Jeffrey C. Blagg, P.E. #11607
SIGNATURE Jeffrey C. Blagg AND TITLE President

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES NO (REASON) was a backfill

SIGNED: K. C. Munnell DATE: 6-3-99

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CA586</u> C.D.C. NO: <u>6658</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION NAME: <u>AKI APACHE</u>	K	WELL #: <u>ZA</u>	PITS: <u>SEP.</u>	DATE STARTED: <u>5/12/99</u>			
QUAD UNIT: <u>P</u>	SEC: <u>4</u>	TWP: <u>Z6N</u>	RNG: <u>5W</u>	PM: <u>UM</u>	CNTY: <u>RA</u>	ST: <u>NM</u>	DATE FINISHED: _____
STR. FOOTAGE: <u>SEL4</u>	<u>SEL4</u>	CONTRACTOR: <u>JVC</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>			

SOIL REMEDIATION:

REMEDIATION SYSTEM: LANDFARM APPROX. CUBIC YARDAGE: 175

LAND USE: RANGE LIFT DEPTH (ft): 1-1.5

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

WELL RANKING SCORE: 0 NMCD TPH CLOSURE STD: 5000 PPM 7/7/99

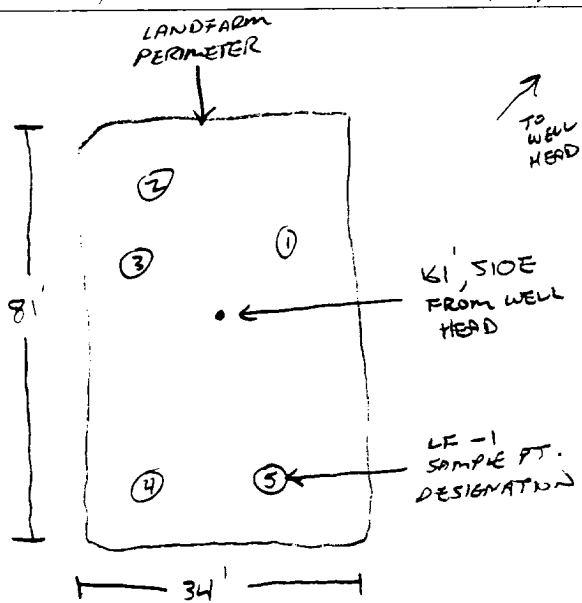
DUSKY RED/LY. GRAY SILTY CLAY TO CLAY, SLIGHTLY PLASTIC, SLIGHTLY MOIST, FIRM, SAMPLING DEPTHS RANGE FROM 6 TO 12 INCHES, NO NOTICEABLE DISCOLORATION OBSERVED, NO APPARENT HC ODOR DETECTED WITH OVM SAMPLE, COLLECTED 5 PT. COMPOSITE SAMPLE FOR LAB ANALYSIS.

CLOSED

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (8015)	1030	ND

SCALE



TRAVEL NOTES:

CALLOUT: NA ON SITE: 5/12/99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

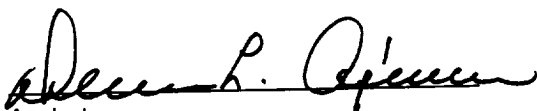
Client:	Blagg / CONOCO	Project #:	403410
Sample ID:	LF - 1	Date Reported:	05-14-99
Laboratory Number:	F223	Date Sampled:	05-12-99
Chain of Custody No:	6658	Date Received:	05-13-99
Sample Matrix:	Soil	Date Extracted:	05-13-99
Preservative:	Cool	Date Analyzed:	05-14-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: AXI Apache K #2 A Landfarm. 5 Pt. Composite.


Analyst


Review

