

Denny E. Faust JICARILLA APACHE TRIBE
DEPUTY OIL & GAS INSPECTOR ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507

AUG 13 1999

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

BTG 12

SUBMIT 1 COPY TO

NATURAL RESOURCE DEPT

AND OIL & GAS ADMINISTRATION

Zyats

PIT REMEDIATION AND CLOSURE REPORT

Approved _____

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9200

Address: 200 Amoco Court, Farmington, NM 87401

Facility or Well Name: JICARILLA C # 8

Location: Unit or Qtr/Qtr Sec E Sec 13 T 26N R 5W County RIO ARriba

Pit Type: Separator____ Dehydrator____ Other Blow

Land Type: RANGE

Pit Location: Pit dimensions: length 25', width 29', depth 8'
(Attach diagram)

Reference: wellhead X, other _____

Footage from reference: 114'

Direction from reference: 21 Degrees X East of North _____
West of South X

Depth To Groundwater:

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)	<u>0</u>
Greater than 100 feet	(0 points)	<u> </u>

Distance to Nearest Lake, Playa, or Watering Pond

(Downgradient lakes, playas and livestock or wildlife watering ponds)

Less than 100 feet (10 points) 0
Greater than 100 feet (0 points) 0

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) 0
No (0 points) _____

Distance To SurfaceWater:

(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)

RANKING SCORE (TOTAL POINTS):

Date Remediation Started: _____ Date Completed: 9/1/98
Remediation Method: Excavation ☒ Approx. cubic yards 175
Check 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. BEDROCK BOTTOM.
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' (SOUTH SIDEWALK)
Sample date 8/28/98 Sample time 1330

Sample Results

Soil: Benzene	(ppm)	<u>0.660</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>25.570</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>1,126</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>4,380</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 9/1/98 PRINTED NAME Buddy D. Shaw
SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

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) R.A. Attached

SIGNED: Ken C. Man DATE: 9-9-98

3003908148

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>8T612</u> C.O.C. NO: <u>6049</u>																																								
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>JICARILLA</u> C WELL #: <u>8</u> PIT: <u>BLOW</u>		DATE STARTED: <u>8/28/98</u> DATE FINISHED: _____																																								
QUAD/UNIT: <u>E</u> SEC: <u>13</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>1850'FWL/790'FWL</u> CONTRACTOR: <u>P+S</u>																																										
EXCAVATION APPROX. <u>25</u> FT. x <u>29</u> FT. x <u>8</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>C</u> FORMATION: <u>OK/MV</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>114</u> FT. <u>S21E</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>5000</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION:		CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED <input type="checkbox"/> FIBERGLASS TANK INSTALLED																																								
SIDEWALLS - OK. YELL. BROWN TO DUSKY LEO SILTY SAND TO CLAY, NON COHESIVE TO PLASTIC, SLIGHTLY MOIST, FIRM TO STIFF, NO APPARENT STAINING EVIDENT W/IN EXCAVATION, STRONG HC ODOR IN ALL DUM SAMPLES EXCEPT NORTH SIDEWALL.																																										
BOTTOM - BEDROCK (SANDSTONE), VERY HARD, MED GRAY IN COLOR, STRONG HC ODOR DETECTED IN DUM SAMPLE.																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>BEDROCK BOTTOM</u></p> <p>SCALE</p> <p>0 FT</p> </div> <div style="width: 30%; text-align: center;"> <p><u>RISK ASSESSED</u></p> </div> <div style="width: 30%;"> <p>FIELD 418.1 CALCULATIONS</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>TIME</th> <th>SAMPLE I.D.</th> <th>LAB No:</th> <th>WEIGHT (g)</th> <th>mL. FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. ppm</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> </div>			TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm																																
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TRAVEL NOTES: CALLOUT: <u>8/28/98 - MORN.</u> ONSITE: <u>8/28/98 - AFTER.</u>																																										

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

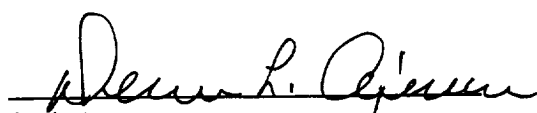
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	3 @ 5'	Date Reported:	09-02-98
Laboratory Number:	D876	Date Sampled:	08-28-98
Chain of Custody No:	6049	Date Received:	08-31-98
Sample Matrix:	Soil	Date Extracted:	08-31-98
Preservative:	Cool	Date Analyzed:	09-01-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

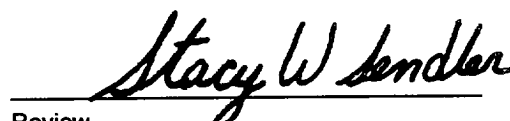
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,800	0.2
Diesel Range (C10 - C28)	1,580	0.1
Total Petroleum Hydrocarbons	4,380	0.2

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: Jicarilla C #8 Blow Pit.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	3 @ 5'	Date Reported:	09-01-98
Laboratory Number:	D876	Date Sampled:	08-28-98
Chain of Custody:	6049	Date Received:	08-31-98
Sample Matrix:	Soil	Date Analyzed:	09-01-98
Preservative:	Cool	Date Extracted:	08-31-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	660	8.8
Toluene	12,510	8.4
Ethylbenzene	3,000	7.6
p,m-Xylene	7,260	10.8
o-Xylene	2,140	5.2
Total BTEX	25,570	

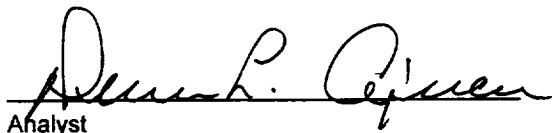
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Jicarilla C #8 Blow Pit.


Analyst


Review

8J612

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

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: AMOCO PRODUCTION COMPANY **Telephone:** (505) 326-9200
Address: 200 Amoco Court, Farmington, NM 87401
Facility or Well Name: JICARILLA C #8
Location: Unit or Qtr/Qtr Sec E Sec 13 T 26N R 5W County Rio ARRIBA
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: RANGE

Pit Location: Pit dimensions: length 20', width 18', depth 6'
(Attach diagram) Reference: wellhead X, other ☐
Footage from reference: 100'
Direction from reference: 67 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): 0

BT612

SEP. PIT

Date Remediation Started: _____

Date Completed: 9/1/98Remediation Method: Excavation ☒
Check all appropriate sections) Landfarmed ☒Approx. cubic yards 70

Insitu Bioremediation _____

Other _____

Remediation Location:
(i.e. landfarmed onsite,
name and location of
offsite facility)Onsite ☒ Offsite _____General Description of Remedial Action: Excavation - BEDROCK BOTTOM.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 3' (SOUTH SIDEWALL)Sample date 8/27/98 Sample time 0730

Sample Results

Soil: Benzene	(ppm)	<u>0.0814</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>6.820</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>388</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>1,340</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 9/1/98 PRINTED NAME Buddy D. Shaw
SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

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) RA. AttachedSIGNED: K. C. M... DATE: 9-9-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJ612</u> C.D.C. NO: <u>6049</u>
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>JICA</u> C WELL #: <u>8</u> PIT: <u>SEP</u>		DATE STARTED: <u>8/27/98</u>
QUAD/UNIT: <u>E</u> SEC: <u>13</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>Nm</u> CNTY: <u>RA</u> ST: <u>Nm</u>		DATE FINISHED: _____
QTR/FOOTAGE: <u>1850' FWL/790' FWL</u> CONTRACTOR: <u>P+S</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. <u>20</u> FT. x <u>18</u> FT. x <u>6</u> FT. DEEP.	CUBIC YARDAGE: <u>70</u>
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u>	LEASE: <u>C</u> FORMATION: <u>DK/MV</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>100</u> FT. <u>S67W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u> NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM <u>SOIL AND EXCAVATION DESCRIPTION:</u>
------------------------	--

CHECK ONE:
☒ PIT ABANDONED
☐ STEEL TANK INSTALLED
☐ FIBERGLASS TANK INSTALLED

SIDEWALLS - MOSTLY DK. YELL. BROWN SAND TO SILTY SAND EXCEPT SOUTH SIDEWALL (MED. TO DK. GRAY DISCOLORATION w/ STRONG HC ODOR), NON ADHESIVE, SLIGHTLY MOIST, FIRM TO HARD (BEDROCK NEAR PIT BOTTOM).

BOTTOM - BEDROCK (SANDSTONE) MED. GRAY IN COLOR, VERY HARD, HC ODOR DETECTED w/IN EXCAVATION + IN OVM SAMPLE.

BEDROCK BOTTOM

SCALE

0 FT

RISK ASSESSED

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER

PIT PROFILE

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 3'	0.0
2 @ 3'	0.0
3 @ 3'	388
4 @ 1'	0.0
5 @ 6'	288

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
③ @ 3'	TAH/BTEX	0730
BOTH PASSED		

TRAVEL NOTES: CALLOUT: 8/26/98 - AFTER. ONSITE: 8/27/98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

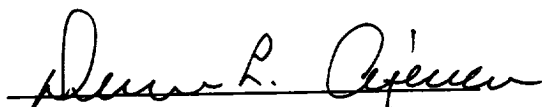
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	3 @ 3'	Date Reported:	09-02-98
Laboratory Number:	D875	Date Sampled:	08-27-98
Chain of Custody No:	6049	Date Received:	08-31-98
Sample Matrix:	Soil	Date Extracted:	08-31-98
Preservative:	Cool	Date Analyzed:	09-01-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	605	0.2
Diesel Range (C10 - C28)	738	0.1
Total Petroleum Hydrocarbons	1,340	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: Jicarilla C #8 Separator Pit.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	3 @ 3'	Date Reported:	09-01-98
Laboratory Number:	D875	Date Sampled:	08-27-98
Chain of Custody:	6049	Date Received:	08-31-98
Sample Matrix:	Soil	Date Analyzed:	09-01-98
Preservative:	Cool	Date Extracted:	08-31-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	81.4	8.8
Toluene	873	8.4
Ethylbenzene	359	7.6
p,m-Xylene	4,850	10.8
o-Xylene	655	5.2
Total BTEX	6,820	

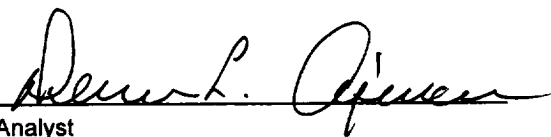
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	97 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Jicarilla C #8 Separator Pit,


Analyst


Review

CHAIN OF CUSTODY RECORD

6049

Client / Project Name			Project Location			ANALYSIS / PARAMETERS													
BAGS / Amoco			TERRILL C #8																
Sampler: NTU			Client No. 04034-10																
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH (8015)	BTX (8021)	Remarks											
③ @ 3'	8/27/98	0730	D875	SOIL	1	✓	✓	SEPARATOR PIT											
③ @ 5'	8/28/98	1330	D876	SOIL	1	✓	✓	GLOW PIT											
								GLOW SAMPLES											
								PRESERV. - COOL											
Relinquished by: (Signature) <i>[Signature]</i>			Date	Time	Received by: (Signature)														
Relinquished by: (Signature) <i>[Signature]</i>			8/31/98	0802	<i>[Signature]</i>	8-31-98 0802													
Relinquished by: (Signature)					Received by: (Signature)														
Relinquished by: (Signature)					Received by: (Signature)														
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615 </div> <div> <table border="1"> <tr> <th colspan="3">Sample Receipt</th> </tr> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table> </div> </div>											Sample Receipt			Received Intact	Y	N	Cool - Ice/Blue Ice	✓	
Sample Receipt																			
Received Intact	Y	N																	
Cool - Ice/Blue Ice	✓																		

85612

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: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9200

Address: 200 Amoco Court, Farmington, NM 87401

Facility or Well Name: JICARILLA C 8

Location: Unit or Qtr/Qtr Sec E Sec 13 T 24N R 5W County PIO ABIEBA

Land Type: RANGE

Date Remediation Started: 8-27-98

Date Completed: 2/22/99

Remediation Method: Landfarmed ☒

Approx. cubic yards 245

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: 2-18-99 Time: 1000

Sample Results:

Field Headspace (ppm) 34.6

TPH (ppm) 34.7 Method 8015

Other ☐

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

DATE 2/22/99 PRINTED NAME Buddy D. Shaw

SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

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) _____

SIGNED: K. E. Mance DATE: 3-31-99

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B5612</u> C.D.C. NO: <u>6574</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>JICARILLA C</u> WELL #: <u>8</u> PITS: <u>SEP. BLOW</u> QUAD/UNIT: <u>E</u> SEC: <u>13</u> TWP: <u>26N</u> RNG: <u>5W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTR/FOOTAGE: <u>SW/4 NW/4</u> CONTRACTOR: <u>P+S</u>	DATE STARTED: <u>2-18-99</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>REP</u>
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SOIL REMEDIATION:

REMEDIATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>245</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>1.-1.5</u>

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: 71000' NEAREST SURFACE WATER: 71000'

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

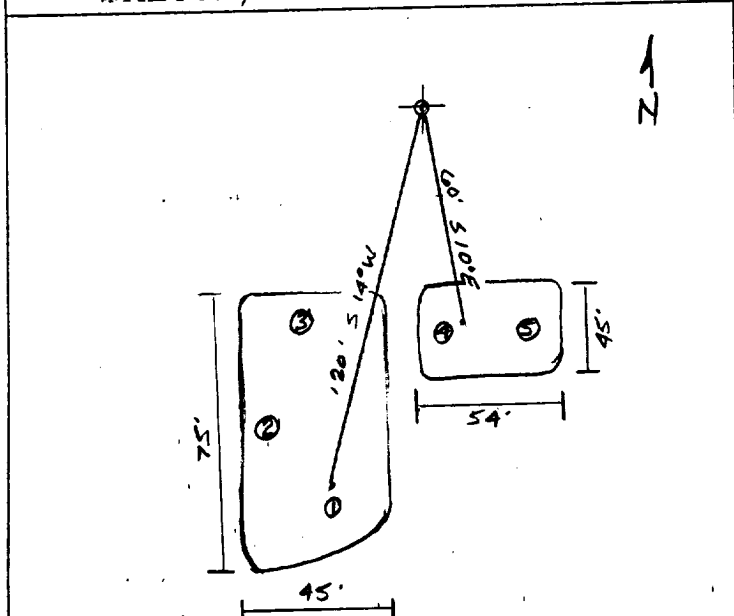
MODERATE YELLOWISH BROWN SAND, NON COHESIVE, MOIST, FIRM
 NO VISIBLE STAINING OBSERVED, SLIGHT HC ODOR IN SAMPLING POINT ②
 SAMPLING DEPTH RANGE FROM 6"-12" TOOK A SPT. COMPOSITE SAMPLE FOR LAB. ANALYSIS

CLOSED

FIELD 418.1 CALCULATIONS

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

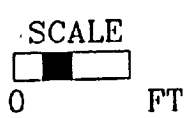
SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	34.6	LF-1	TPH (8015)	1000	34.7



TRAVEL NOTES: CALLOUT: N/A ONSITE: 2-18-99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / AMOCO
Sample ID: LF - 1
Laboratory Number: E686
Chain of Custody No: 6574
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

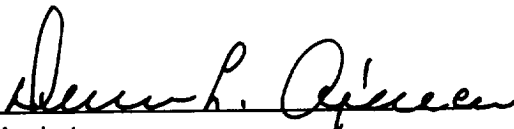
Project #: 403410
Date Reported: 02-22-99
Date Sampled: 02-18-99
Date Received: 02-19-99
Date Extracted: 02-19-99
Date Analyzed: 02-22-99
Analysis Requested: 8015 TPH

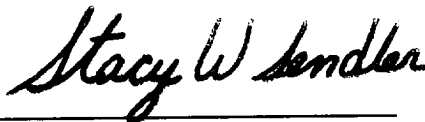
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	9.3	0.2
Diesel Range (C10 - C28)	25.4	0.1
Total Petroleum Hydrocarbons	34.7	0.2

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: Jicarilla C - 8 Landfarm. 5 Pt. Composite.


Analyst


Review

6574

[illegible]