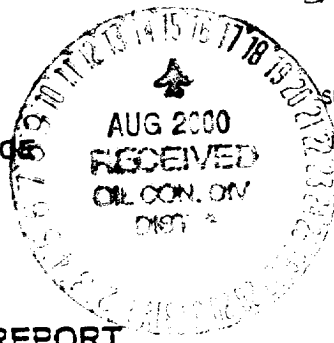


DEPUTY OIL & GAS INSPECTOR

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

SEP 15 2000

Denied

PIT REMEDIATION AND CLOSURE REPORT

Operator: Robert L. Bayless Telephone: 326-2659
Address: 365 NM 170 Farmington NM. 87401
Facility or Well Name: # 103 Tic JT Venture PC
Location: Unit: B Sec. 10 T. 23N R. 3W County Rio Arriba
Pit Type: Separator Dehydrator Other Drip
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 10 width 10 depth 10
(Attach diagram) Reference: wellhead X other
Footage from reference: 35'
Direction from reference: 20 Degrees X East North
West of South

Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation or ground water)	Less than 50 feet (20 points) 50 feet to 99 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 1,000 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 200 feet (20 points) 200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points)	<u>0</u>
Distance to Ephemeral Stream (dry wash): (Horizontal distance to all downgradient streams having a width of at least 10 feet)	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond: (Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 11-17-97 Date Completed: 11-18-97

Remediation Method: Excavation _____ Approx. Cubic Yards ~~30~~

(Check all appropriate sections) Landfarmed X Amount Landfarmed (cubic yds): 20

Other _____

Remediation Location: Onsite _____ Offsite _____

(i.e., landfarmed onsite, name and location or onsite facility)

General Description of Remedial Action:

Went in and took down fence. Excavated pit to a depth of 10' and took samples. They all were low so I bottled samples.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

Sample Location _____

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth 10'

Sample date 11-18-97 Sample time 11:00 AM

Sample Results

Soil: Benzene (ppm) _____ Water: Benzene (ppb) _____

Total BTEX (ppm) ND Toluene (ppb) _____

Field headspace (ppm) 5 Ethylbenzene (ppb) _____

TPH ND25 ppm Method 418.1 Total Xylenes (ppb) _____

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

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

DATE 11-18-97 PRINTED NAME Dave Sims

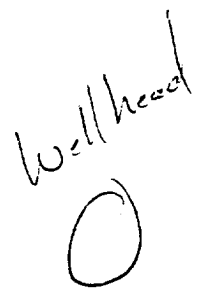
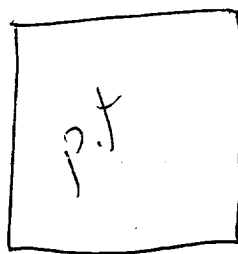
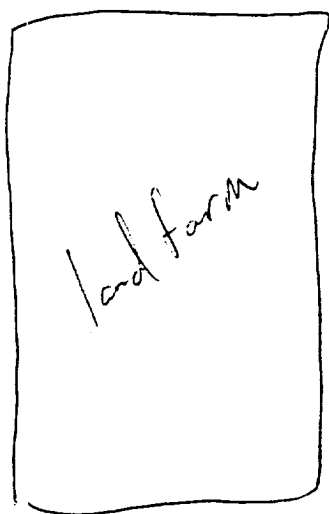
SIGNATURE Dave Sims AND TITLE Project Manager

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

APPROVED: YES X NO _____ (REASON): _____

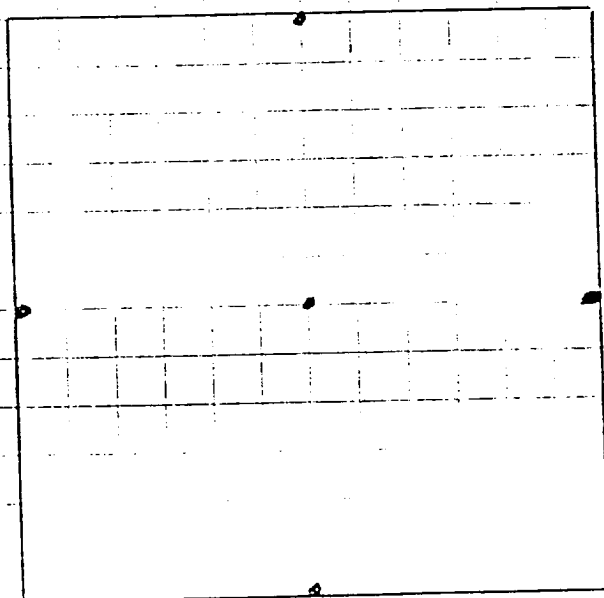
SIGNED: Kate C Mamm DATE: 2-6-98

103 Jic. J.T Venture PL.



Location: #103 Jic JT Venture PL

Depth: 10'



• Denotes sample location

Samples:

North : 0
South : 8
East : 0
West : 0
Bottom : 5

103 Jic. JT. Venture PC.

11-18-97

moved to location
took down fence

Excavated pit to a depth of 10' / 6'
below existing bottom and took reading.

Bottled Sample

put up fence

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: **David Sims**
Company: **Arrowhead**
Address: **P.O. Box 2522**
City, State: **Farmington, NM 87499-2522**

Date: **25-Nov-97**
COC No.: **6589**
Sample No.: **16908**
Job No.: **2-1000**

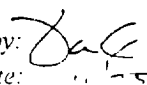
Project Name: **RMI / Arrowhead**
Project Location: **Jicarilla JT Venture #103 Bottom**
Sampled by: **WM** Date: **18-Nov-97** Time: **11:00**
Analyzed by: **DC** Date: **23-Nov-97**
Sample Matrix: **Soil**

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	1	ug/kg
<i>Toluene</i>	ND	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	ND	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	ND	ug/kg	1	ug/kg
<i>o-Xylene</i>	ND	ug/kg	1	ug/kg
<i>TOTAL</i>	ND	ug/kg		

ND - Not Detected at Limit of Quantitation

Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography

Approved by: 
Date: **11/25/97**

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *David Sims*
Company: *Arrowhead*
Address: *P.O. Box 2502*
City, State: *Farmington, NM 87499-2522*

Date: *25-Nov-97*
COC No.: *6589*
Sample No.: *16908*
Job No.: *2-1000*

Project Name: *Arrowhead / RMI*
Project Location: *Jicarilla JT Venture #103 Bottom*
Sampled by: *WM* Date: *18-Nov-97* Time: *11:00*
Analyzed by: *HR* Date: *24-Nov-97*
Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Limit of Quantitation	Unit of Measure	Method
<i>Total Petroleum Hydrocarbons, TPH</i>	<i>ND</i>	<i>25</i>	<i>mg/kg</i>	<i>EPA Method 418.1</i>

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

Laboratory Fortified Blank/Spike Soil

Laboratory Identification	Analyzed Value	Acceptable Range	Unit of Measure
<i>Laboratory Fortified Blank Soil - QCBS2</i>	<i>ND</i>	<i>ND</i>	<i>mg/kg</i>
<i>Laboratory Fortified Spike Soil - QCSS1</i>	<i>857</i>	<i>800-1200</i>	<i>mg/kg</i>

Duplication

Laboratory Identification	RPD	Limit RPD
<i>16928-3753</i>	<i>8.3</i>	<i>15.0</i>

Approved by: *[Signature]*

Date: *11/25/97*

ON SITE

TECHNOLOGIES, LTD.

OFF: (505) 325-5667

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *David Sims*
Company: *Arrowhead*
Address: *P.O. Box 2522*
City, State: *Farmington, NM 87499-2522*

Date: *25-Nov-97*
COC No.: *6589*
Sample No.: *16907*
Job No.: *2-1000*

Project Name: *RMI / Arrowhead*
Project Location: *Jicarilla JT Venture #103 Composite*
Sampled by: *WM*
Analyzed by: *DC*
Sample Matrix: *Soil*

Date: *18-Nov-97* Time: *11:00*
Date: *23-Nov-97*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Benzene</i>	ND	ug/kg	1	ug/kg
<i>Toluene</i>	ND	ug/kg	1	ug/kg
<i>Ethylbenzene</i>	ND	ug/kg	1	ug/kg
<i>m,p-Xylene</i>	ND	ug/kg	1	ug/kg
<i>o-Xylene</i>	ND	ug/kg	1	ug/kg
<i>TOTAL</i>	ND	ug/kg		

ND - Not Detected at Limit of Quantitation

Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography

Approved by: *[Signature]*
Date: *[Signature]*

P.O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

LF

Attn: *David Sims*
Company: *Arrowhead*
Address: *P.O. Box 2522*
City, State: *Farmington, NM 87499-2522*

Date: *25-Nov-97*
COC No.: *6589*
Sample No.: *16928*
Job No.: *2-1000*

Project Name: *Arrowhead / RMI*
Project Location: *Jicarilla JT Venture #103 Composite*
Sampled by: *WM* Date: *18-Nov-97* Time: *11:00*
Analyzed by: *HR* Date: *24-Nov-97*
Sample Matrix: *Soil*

Laboratory Analysis

Parameter	Results as Received	Limit of Quantitation	Unit of Measure	Method
<i>Total Petroleum Hydrocarbons, TPH</i>	ND	25	mg/kg	EPA Method 418.1

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

Laboratory Fortified Blank/Spike Soil

Laboratory Identification	Analyzed Value	Acceptable Range	Unit of Measure
<i>Laboratory Fortified Blank Soil - QCBS2</i>	ND	ND	mg/kg
<i>Laboratory Fortified Spike Soil - QCSS1</i>	857	800-1200	mg/kg

Duplication

Laboratory Identification	RPD	Limit RPD
<i>16928-3753</i>	8.3	15.0

Approved by: *[Signature]*
Date: *11/25/97*

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 30-Sep-98

Client:	Bayless Drilling Company / Robert L. Bayl	Client Sample Info:	R.L. Bayless
Work Order:	9809076	Client Sample ID:	Jic. JT Venture #103
Lab ID:	9809076-05A	Matrix:	SOIL
Project:	Jicarilla Pits	Collection Date:	9/25/98 1:05:00 PM
		COC Record:	5568

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
TPH, T/R SOIL		E418.1				Analyst: HR
Petroleum Hydrocarbons, T/R	ND	25		mg/Kg	1	9/28/98

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

**FARMINGTON LABORATORY**807 S. CARLTON
FARMINGTON, NM 87499-1289
(505) 326-2588

Certificate of Analysis No. F2-9806106-11

Robert L. Bayless
368 NM HWY 170
Farmington, NM 87401
ATTN: DAVE SIMMS

DATE: 06/26/98

PROJECT: Bayless-Jicarilla Pit Work
SITE:
SAMPLED BY: D. Allred
SAMPLE ID: JV #103PROJECT NO:
MATRIX: SOIL
DATE SAMPLED: 06/22/98
DATE RECEIVED: 06/23/98

PARAMETER	ANALYTICAL DATA		DETECTION LIMIT	UNITS
	RESULTS			
Total Petroleum Hydrocarbons EPA 418.1 Analyzed by: CW Date: 06/24/98	25		10	mg/kg

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

SPL, Inc.

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: <u>Robert Baughless Drilling</u>		Telephone: <u>225-2659</u>	
Address: <u>318 W. Hwy 170 Farmington NM 87401</u>			
Facility or Well Name: <u>Jic. Pt. Venture #103</u>			
Location:	Unit: <u>B</u>	Sec. <u>10</u>	T. <u>23</u> N. <u>3</u> W. County <u>Rio Arriba</u>
Land Type: <u>Jicarilla Apache</u>			
Date Remediation Started: <u>6-28-98</u>		Date Completed: _____	
Remediation Method: Landfilled <u>X</u>		Approx. cubic yards <u>20 yd</u>	
Composted: _____		_____	
Other: <u>3 point Composit</u>		_____	
Depth to Ground Water: (pts.) _____		Final Closure Sampling:	
Distance to an Ephemeral Stream: (pts.) _____		Sampling Date: <u>9/25/98</u> Time <u>1:05pm</u>	
Distance to Nearest Lake, Playa, or Watering Pond: (pts.) _____		Sampling Results:	
Wellhead Protection Area: (pts.) _____		Field Headspace (ppm) <u>AD 5</u>	
Distance to Surface Water: (pts.) _____		TPH (ppm) <u>25</u> Method <u>E 418.1</u>	
Ranking Score (Total Points): _____		Other: _____	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE <u>9-28-98</u>		PRINTED NAME <u>Donovan Allred</u>	
SIGNATURE <u>Donovan Allred</u>		AND TITLE <u>Project Manager</u>	
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE			
APPROVED: YES <u>X</u> NO _____		(REASON) <u>Land form OK to close</u>	
SIGNED: <u>[Signature]</u>		OK for backfill <u>OK for backfill</u>	
DATE: <u>10/19/98</u>		_____	