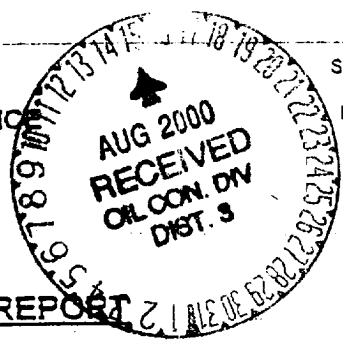


Handwritten notes: +vvv, LF, Data

Stamp: *Don't forget to fill out*
DEPT. OF 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 13 2000

Denied

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>Robert L. Bayless</u>		Telephone: <u>326-2659</u>	
Address: <u>318 170 Farmington NM 87401</u>			
Facility or Well Name: <u># 110 Jic. JT Venture PL</u>			
Location:	Unit: <u>I</u>	Sec. <u>10</u>	T. <u>23</u> N R. <u>3</u> W County <u>Rio Arriba</u>
Pit Type:	Separator <u> </u>	Dehydrator <u> </u>	Other <u>Drip</u>
Land Type:	<u>Jicarilla Apache</u>		

Pit Location:	Pit dimensions:	length <u>10</u>	width <u>12</u>	depth <u>12</u>
(Attach diagram)	Reference:	wellhead <u>X</u>	other <u> </u>	
	Footage from reference:	<u>30'</u>		
	Direction from reference:	<u> </u> Degrees <u> </u> East	North <u>X</u>	
		<u> </u> West	South <u> </u>	

Depth to Ground Water:	Less than 50 feet	(20 points)	
(Vertical distance from contaminants to seasonal high water elevation or ground water)	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
Wellhead Protection Area:	Yes	(20 points)	
(Less than 200 feet from a private domestic water source, or less than 1,000 feet from all other water sources)	No	(0 points)	<u>0</u>
Distance to Surface Water:	Less than 200 feet	(20 points)	
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	<u>0</u>
Distance to Ephemeral Stream (dry wash):	Less than or equal to 100 feet	(10 points)	
(Horizontal distance to all downgradient streams having a width of at least 10 feet)	Greater than 100 feet	(0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond:	Less than or equal to 100 feet	(10 points)	
(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Greater than 100 feet	(0 points)	<u>0</u>
RANKING SCORE (TOTAL POINTS):			<u>0</u>

Date Remediation Started:

11-17-97

Date Completed:

11-18-97

Remediation Method:

Excavation

Approx. Cubic Yards

(Check all appropriate sections)

Landfarmed

X

Amount Landfarmed (cubic yds):

15

Other

Remediation Location:

Onsite

X

Offsite

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

General Description of Remedial Action:

excavated pit to a depth of 17' (8' below existing bottom and took readings). 93 ppm bottled samples and put up fence

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

12'

Sample date

11-18-97

Sample time

11:30 AM.

Sample Results

Soil: Benzene (ppm)

Water: Benzene (ppb)

Total BTEX (ppm)

2

Toluene (ppb)

Field headspace (ppm)

2993

Ethylbenzene (ppb)

TPH

ND30 ppm

Method

4151

Total Xylenes (ppb)

Ground Water 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 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:

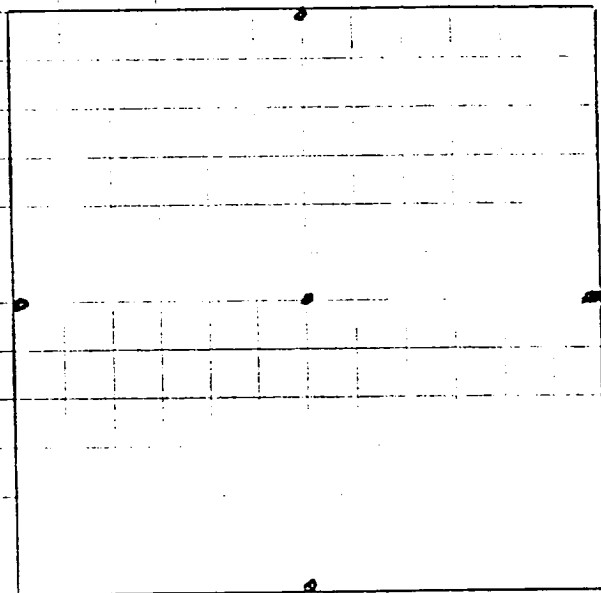
Ken C. Mendenhall

DATE:

2-6-98

Location: #110 Jic. JT Venture PC

Depth: 12'



• Denotes Sample Location

Samples:

Northern : 0
Southern : 0
East : 0
West : 0
Bottom : 93

110 Jic. JT Venture PC

11-18-97

Moved on location
took down fence

Excavated pit to a depth of 12' (8' below
existing bottom. Took readings they were
in guidelines. Bottled samples.

put up fence

110 Jic JT Venture PL.

P.T

wellhead
○

land form

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.: *16902*
Job No.: *2-1000*

Project Name: *RMI / Arrowhead*
Project Location: *#110 Jic JT Venture PC Bottom*
Sampled by: *WM* Date: *18-Nov-97* Time: *11:30*
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: *[Signature]*
Date: *11/25/97*

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

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.: **16902**
Job No.: **2-1000**

Project Name: **Arrowhead / RMI**
Project Location: **#110 Jic JT Venture PC Bottom**
Sampled by: **WM** Date: **18-Nov-97** Time: **11:30**
Analyzed by: **HR** Date: **24-Nov-97**
Sample Matrix: **Soil**

Laboratory Analysis

Parameter	Results as Received	Limit of Quantitation	Unit of Measure	Method
Total Petroleum Hydrocarbons, TPH	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
Laboratory Fortified Blank Soil - QCBS2	ND	ND	mg/kg
Laboratory Fortified Spike Soil - QCSS1	857	800-1200	mg/kg

Duplication

Laboratory Identification	RPD	Limit RPD
16928-3753	8.3	15.0

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

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

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.: **15501**
Job No.: **2-1000**

Project Name: **RMI / Arrowhead**
Project Location: **#110 Jic JT Venture PC Composite**
Sampled by: **WM** Date: **18-Nov-97** Time: **11:30**
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>	2	ug/kg	1	ug/kg
<i>o-Xylene</i>	ND	ug/kg	1	ug/kg
	<i>TOTAL</i>	2		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: *11/25/97*

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.: **16901**
Job No.: **2-1000**

Project Name: **Arrowhead / RMI**
Project Location: **#110 Jic JT Venture PC Composite**
Sampled by: **WM** Date: **18-Nov-97** Time: **11:30**
Analyzed by: **HR** Date: **24-Nov-97**
Sample Matrix: **Soil**

Laboratory Analysis

Parameter	Results as Received	Limit of Quantitation	Unit of Measure	Method
Total Petroleum Hydrocarbons, TPH	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
Laboratory Fortified Blank Soil - QCBS2	ND	ND	mg/kg
Laboratory Fortified Spike Soil - QCSSI	857	800-1200	mg/kg

Duplication

Laboratory Identification	RPD	Limit RPD
16928-3753	8.3	15.0

Approved by: 
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 #110
Lab ID:	9809076-08A	Matrix:	SOIL
Project:	Jicarilla Pits	Collection Date:	9/25/98 1:14:00 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	26		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

TECHNOLOGIES, LTD.

**FARMINGTON LABORATORY**

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

Certificate of Analysis No. F2-9806106-12

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 #110

PROJECT NO:
MATRIX: SOIL
DATE SAMPLED: 06/22/98
DATE RECEIVED: 06/23/98

ANALYTICAL DATA			
PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Total Petroleum Hydrocarbons EPA 418.1 Analyzed by: CW Date: 06/24/98	30	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>Bayless Drilling</u>		Telephone: <u>325-2059</u>	
Address: <u>318 US Hwy 170 Farmington NM 57101</u>			
Facility or Well Name: <u>Jic JT Venture #110</u>			
Location:	Unit: _____	Sec. <u>10</u>	T. <u>23</u> N R. <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: Landfarming ☒		Approx. cubic yards <u>15</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>1:14 PM</u>	
Distance to Nearest Lake, Playa, or Watering Pond: (pts.) _____		Sampling Results:	
Wellhead Protection Area: (pts.) _____		Field Headspace (ppm) <u>93</u>	
Distance to Surface Water: (pts.) _____		TPH (ppm) <u>30</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 ☒ NO _____		(REASON) <u>Landfarm closed</u>	
SIGNED: <u>[Signature]</u>		DATE: <u>10/15/98</u>	