

DEPT. OF OIL & GAS INSPECTOR
SEP 11 2004

ENVIRONMENTAL PROTECTION OFFICE

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: Robert L. Bauless Telephone: 326-2659

Address: 368 NM 170 Farmington, NM 87401

Facility or Well Name: # 102 Jic. JT. Venture PC

Location: Unit: M Sec. 3 T. 23 N R. 3 W County Rio Arriba

Pit Type: Separator Dehydrator Other Drip

Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 10 width 10 depth 8
(Attach diagram) Reference: wellhead X other _____
Footage from reference: 40'
Direction from reference: 90 Degrees X East North _____
West of South

Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)	0
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)	0
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)	0
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)	0
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)	0

RANKING SCORE (TOTAL POINTS) :

Date Remediation Started: 11-19-97Date Completed: 11-20-97

Remediation Method: Excavation

Approx. Cubic Yards

(Check all appropriate sections)

Landfarmed

X

Amount Landfarmed (cubic yds):

10

Other

Remediation Location:

Onsite

X

Offsite

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

General Description of Remedial Action:

Went in and took down fence. Excavated pit to 8' (4' below existing bottom. took readings

Ground Water Encountered:

No

X

Yes

Depth

Final Pit Closure Sampling:

Sample Location

Bottom

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

Sample depth

8'

Sample date

11-20-97

Sample time

11:30 AM

Sample Results

Soil: Benzene (ppm)

Water: Benzene (ppb)

Total BTEX (ppm)

ND

Toluene (ppb)

Field headspace (ppm)

0

Ethylbenzene (ppb)

TPH ND 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

11-20-97

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:

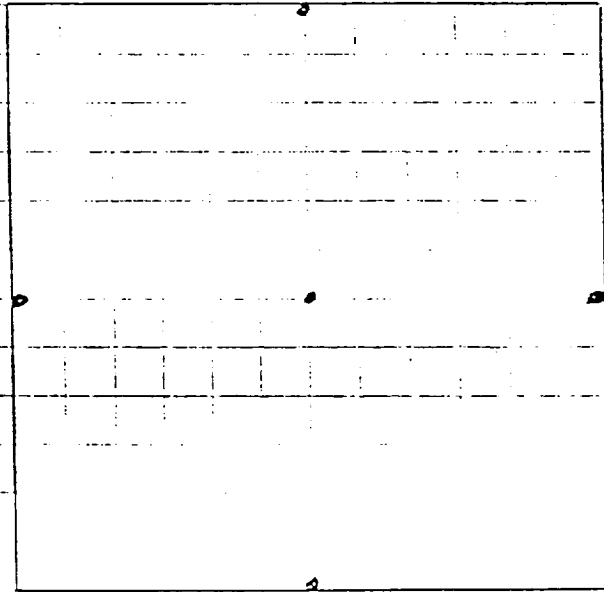
K. C. M. M.

DATE:

2-6-98

Location: #102 Jc JT. Ventura PC

Depth: 8'



• Denotes Sample Location

Samples:

North : 0

South : 1

East : 0

West : 0

Bottom : 0

11-20-97

102 Jic JT Venture PC

Arrived on Location.
took down fence

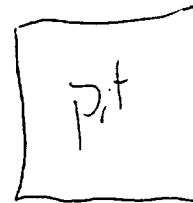
Excavated pit to a depth of 8' ⁴/₆'
below existing bottom and took readings
it was clear

Bottled samples
put up fence

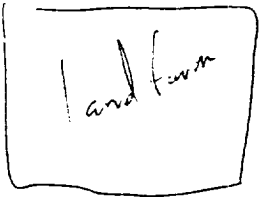
102 Jic JT Venture PL

N

Wellhead



Well house



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: *26-Nov-97*
COC No.: *6594*
Sample No.: *153-2*
Job No.: *2-1000*

Project Name: *RMI / Arrowhead*
Project Location: *#102 Jic JT Venture PC Bottom*
Sampled by: *WM* Date: *20-Nov-97* Time: *11:30*
Analyzed by: *DC* Date: *24-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		

ND - Not Detected at Limit of Quantitation

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

Approved by: *David Sims*
Date: *11/26/97*

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: *1-Dec-97*
COC No.: *6594*
Sample No.: *16942*
Job No.: *2-1000*

Project Name: *RMI / Arrowhead*
Project Location: *#102 Jic JT Venture PC Bottom*
Sampled by: *WM* Date: *20-Nov-97* Time: *11:30*
Analyzed by: *HR* Date: *1-Dec-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>	849	800-1200	mg/kg

Duplication

Laboratory Identification	RPD	Limit RPD
<i>16974-6596</i>	7.5	15.0

Approved by: *Jas*
Date: *12/1/97*

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: **26-Nov-97**
COC No.: **6594**
Sample No.: **16941**
Job No.: **2-1000**

Project Name: **RMI / Arrowhead**
Project Location: **#102 Jic JT Venture PC Composite**
Sampled by: **WM**
Analyzed by: **DC**
Sample Matrix: **Soil**

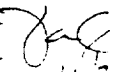
Date: **20-Nov-97** Time: **11:30**
Date: **24-Nov-97**

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: 
Date: **11/26/97**

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: **1-Dec-97**
COC No.: **6594**
Sample No.: **16941**
Job No.: **2-1000**

Project Name: **RMI / Arrowhead**
Project Location: **#102 Jic JT Venture PC Composite**
Sampled by: **WM** Date: **20-Nov-97** Time: **11:30**
Analyzed by: **HR** Date: **1-Dec-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

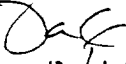
Quality Assurance Report

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	849	800-1200	mg/kg

Duplication

Laboratory Identification	RPD	Limit RPD
16974-6596	7.5	15.0

Approved by: 

Date: **12/1/97**

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 #102
Lab ID:	9809076-04A	Matrix:	SOIL
Project:	Jicarilla Pits	Collection Date:	9/25/98 1:41:00 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	24		mg/Kg	1	9/28/98

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

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>325-2659</u>	
Address: <u>318 US Hwy 170 Farmington NM 87401</u>			
Facility or Well Name: <u>Jic JT Venture #102</u>			
Location: Unit: <u>M</u> Sec. <u>3</u> T. <u>23</u> N. R. <u>3</u> W. County <u>La Alamosa</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>10</u>	
Composted: _____		Other: <u>3 point compost</u>	
Depth to Ground Water: (pts.) <u>0</u>		Final Closure Sampling:	
Distance to an Ephemeral Stream: (pts.) <u>0</u>		Sampling Date: <u>9/25/98</u> Time <u>1:41pm</u>	
Distance to Nearest Lake, Playa, or Watering Pond: (pts.) <u>0</u>		Sampling Results:	
Wellhead Protection Area: (pts.) <u>0</u>		Field Headspace (ppm) <u>ND</u> <u>0</u>	
Distance to Surface Water: (pts.) <u>0</u>		TPH (ppm) <u>ND</u> Method <u>E418.1</u>	
Ranking Score (Total Points): <u>0</u>		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 <u> </u> (REASON) <u>Landfill closed</u>			
SIGNED: <u>[Signature]</u> <u>OK for backfill</u>			
DATE: <u>10/19/98</u>			