

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

OK Dates and
volumes estimate
Sampling done
SUBMIT COPY TO
NATURAL RESOURCE
AND OIL & GAS ADMINISTRATION

BPT REMEDIATION AND CLOSURE REPORT

APPROVED

Operator: ELM RIDGE RESOURCES Telephone: (505) 326-7099

Address: 312 W. LA PLATA STREET, FARMINGTON, NM 87401

Facility or Well Name: JICARILLA APACHE F #6

Location: Unit or Qtr/Qtr Sec D Sec 22 T 25N R 5W County Rio ARAGUA

Pit Type: Separator ☐ Dehydrator ☐ Other COMPRESSOR

Land Type: _____

Pit Location: Pit dimensions: length 25, width 50, depth 25

(Attach diagram)

Reference: wellhead ☐, other COMPRESSOR

Footage from reference: 100'

Direction from reference: West Degrees _____ East North _____
of
X West 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) 10

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) 0

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) 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) 20
No (0 points)

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) 10

RANKING SCORE (TOTAL POINTS): 40

Date Remediation Started: BRETT CUMMINGS Date Completed: 4/21/98

Remediation Method: Excavation X Approx. cubic yards 1157 CY

(Check all appropriate sections)

Landfarmed X

Insitu Bioremediation _____

Other _____

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

General Description of Remedial Action: EXCAVATE CONTAMINATED SOIL, SPREAD ON LOCATION IN SOIL FARM

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Pit CENTER • BOTTOM

WALL COMP. N, S, E, W

Closure Sampling:

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

Sample depth 25'

Sample date 4/21/98

Sample time 12:20 P

GAS ND (PPM)

DiE 50 (PPM)

EPA 8215 m

Sample Results

Soil: Benzene (ppm) N/A

Water: Benzene (ppb) N/A

Total BTEX (ppm) N/A

Toluene (ppb) N/A

Field Headspace (ppm) 83.0

Ethylbenzene (ppb) N/A

TPH (ppm) GAS ND

Total Xylenes (ppb) N/A

DiE 60

Groundwater 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 BELIEF

DATE 5/14/98 PRINTED NAME SHAWN ADAMS

SIGNATURE [Signature] AND TITLE ENV. CONSULTANT

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

APPROVED: YES X NO _____ (REASON) _____

SIGNED: Karena S. Callado DATE: May 19, 1998

CONTRACT ENVIRONMENTAL

DATE 4/21/98 TIME STARTED 12:00 TIME FINISHED 12:37
SITE NAME Jicarilla Apache "F" well 6 com

PIT SIZE AT START x x PIT SIZE WHEN FINISHED x x

P.I.D READINGS

NORTH WALL #1 _____ #2 _____ #3 _____ FINALE TIME _____

SOUTH WALL #1 _____ #2 _____ #3 _____ FINALE TIME _____

EAST WALL #1 _____ #2 _____ #3 _____ FINALE TIME _____

WEST WALL #1 _____ #2 _____ #3 _____ FINALE TIME _____

WALL COMPOSITE #1 150.0 #2 _____ #3 _____ FINALE TIME 12:12

FLOOR #1 83.0 #2 _____ #3 _____ FINALE TIME 12:20

LAND FARM 415.6 SAMPLE TIME 12:22

SPOIL PILE _____ SAMPLE TIME _____

REMARKS: _____

Stockpiling

Soil
Farm

Soil
Farm

Expenditure
25 Dec

So

25

File
Glass
A55r

Comp.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 11-May-98

Client:	Contract Environmental Services, Inc.	Client Sample Info:	Jic. Apache "F" Well 6 COM
Work Order:	9805005	Client Sample ID:	JAF6COM-108; Floor
Lab ID:	9805005-07A	Matrix:	SOIL
Project:	Jicarilla Apache	Collection Date:	4/21/98 12:20:00 PM
		COC Record:	6931

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	60	50		mg/Kg	1	5/6/98
GASOLINE RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	5/5/98

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 -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 11-May-98

Client:	Contract Environmental Services, Inc.	Client Sample Info:	Jicarilla Apache "F" Well 6 COM
Work Order:	9805005	Client Sample ID:	JAF6COM-107; Wall
Lab ID:	9805005-06A	Matrix:	SOIL
Project:	Jicarilla Apache	Collection Date:	4/21/98 12:12:00 PM
		COC Record:	6931

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	50	50		mg/Kg	1	Analyst: HR 5/6/98
GASOLINE RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	Analyst: DC 5/5/98

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 -

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

SUBMIT COPY TO:
NATURAL RESOURCE DEPT.
AND OIL & GAS ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

APPROVED

Operator: ELM RIDGE RESOURCES Telephone: (505) 326-7099

Address: 312 WEST LA PLATA STREET, FARMINGTON, NM 87401

Facility or Well Name: JICARILLA APACHE "F" #6 COMPRESSOR LANDFARM

Location: Unit or Qtr/Qtr Sec D Sec 22 T 25N R 5W County RIO ARriba

Land Type: _____

Date Remediation Started: BRET CUMMINS

Date Completed: 4/21/98

Remediation Method: Landfilled X

Approx. cubic yards 1157

Composted _____

Other _____

Depth To Groundwater: (pts.) 10

Distance to an Ephemeral Stream (pts.) 0

Distance to Nearest Lake, Playa, or Watering Pond (pts.) 0

Wellhead Protection Area: (pts.) 20

Distance To Surface Water: (pts.) 10

RANKING SCORE (TOTAL POINTS): 40

Final Closure Sampling:

Sampling Date: 4/21/98 Time: 12:22

Sample Results:

Field Headspace (ppm) _____

TPH (ppm) Gas - ND Method 8015M
DIE - 81 ppm

Other _____

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

DATE

SIGNATURE

PRINTED NAME

AND TITLE

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

APPROVED: YES X NO _____ (REASON) May be used as backfill, if needed.

SIGNED:

DATE:

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 11-May-98

Client:	Contract Environmental Services, Inc.	Client Sample Info:	Jic. Apache "F" Well 6 COM
Work Order:	9805005	Client Sample ID:	JAF6COM-109; Landfarm
Lab ID:	9805005-08A	Matrix:	SOIL
Project:	Jicarilla Apache	Collection Date:	4/21/98 12:22:00 PM
		COC Record:	6931

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	81	50		mg/Kg	1	5/6/98
GASOLINE RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	5/5/98

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 -

TECHNOLOGIES, LTD. 
657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Purchase Order No.:		Job No.				
Name: Shawn Adams		Title:				
Company: Contract Envi.		Company:				
Address: PO Box 3776		Mailing Address:				
City, State, Zip:		City, State, Zip:				
Telephone No.:		Telefax No.:				
Sampling Location: J. A. Arche "F" well 11		ANALYSIS REQUESTED				
J. A. Arche "F" well 6 DH						
J. A. Arche "F" well 6 com.						
J. A. Arche "C" well 2						
Sampler: James K. Kirby						
SAMPLE IDENTIFICATION						
REPORT TO	RESULTS TO	Number of Containers	LAB ID			
				DATE	TIME	MATRIX
JFH 100	Wall	1	X	X	P.I. 67.0	780505-01A
JFH 101	Floor	1	X	X	P.I. 132.0	-02A
JFH 102	Land Farm	1	X	X	P.I. 26.2	-03A
JAF6 DH 103	Wall	1	X	X	P.I. 41.4	-04A
JAF6 DH 104	Floor	1	X	X	P.I. 17.3	-05A
JAF6 DH 105	Land Farm	1	X	X	P.I. 9.6	-06A
JAF6 com 107	Wall	1	X	X	P.I. 150.0	-07A
JAF6 com 108	Floor	1	X	X	P.I. 83.0	-08A
JAF6 com 109	Land Farm	1	X	X	P.I. 45.6	-09A
JAL2 110	Wall	1	X	X	P.I. 32.3	-10A
JAL2 111	Floor	1	X	X	P.I. 5.3	
JAL2 112	Land Farm	1	X	X	P.I. 2.7	
Shipped by: Shawn Adams		Date/Time: 5/1/88 10:30 AM				
Filing by:		Date/Time:				
Revised by:		Date/Time:				
Shipment:		Date/Time:				
Meat:		Date/Time:				
Auth:		Date/Time:				
Special Instructions:		10 Working Days				
Rush		24-48 Hours				
SFD						

Distribution:	White	On Skin	Yellow	Pink	Simpler	Goldenrod	Client