

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address ELM Ridge Resources, Inc. 4925 Greenville Ave, Suite 1305 Dallas, Tx. 75206-4021		² OGRID Number 149052
		³ Reason for Filing Code CH Effective 6-7-96
⁴ API Number 30-039-21383	⁵ Pool Name Lindrith Gallup-Dakota	⁶ Pool Code 39189
⁷ Property Code 19030	⁸ Property Name J. Apache I	⁹ Well Number 6

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	11	23N	3W		990	South	790	East	Rio Arriba

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
007057	El Paso Natural Gas P.O. Box 1492 El Paso, Tx. 79978	0034330	G	Unit P, Sec. 11, T23N, R3W El Paso Gas Meter
009018	Gaint Refining Co. P.O. Box 256 Farmington, N.M. 87499	0034310	O	Oil Storage Tank located in Unit P, Sec. 11, T23N, R3W

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
0034350	Unit P, Sec. 11, T23N, R3W, Wtr. trucked to disp. from J Apache I. #6

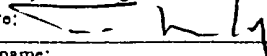
V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations
³⁰ Hole Size	³¹ Casing & Tubing Size	³² Depth Set	³³ Sacks Cement	

VI. Well Test Data

³⁴ Date New Oil	³⁵ Gas Delivery Date	³⁶ Test Date	³⁷ Test Length	³⁸ Tbg. Pressure	³⁹ Csg. Pressure
⁴⁰ Choke Size	⁴¹ Oil	⁴² Water	⁴³ Gas	⁴⁴ AOF	⁴⁵ Test Method

⁴⁶ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 
Printed name: James M. Clark, Jr.
Title: President
Date: 6/6/96
Phone: (214) 696-8090

OIL CONSERVATION DIVISION

Approved by:

Title: SUPERVISOR DISTRICT #3

Approval Date:

JUN 07 1996

⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator

Amerada Hess Corporation (000495)

Previous Operator Signature

Printed Name

Title

Date

John Pitzer

District Superintendent

5/31/96

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

AND OIL & GAS A

APR 2000

PORT

RECEIVED

1995

Telephone: (505) 326-

24

Operator: <u>Elm Ridge Resources</u>		Telephone: <u>(505) 326-7099</u>	
Address: <u>312 W La Plata Farmington NM 87401</u>			
Facility or Well Name: <u>Jicarilla Apache I # 6</u>			
Location:	Unit or Qtr/Qtr Sec <u>SE/SE</u>	Sec <u>11</u>	T <u>23N</u> R <u>3W</u> County <u>Rio Arriba</u>
Pit Type: Separator <u>X</u> Dehydrator <u> </u> Other <u> </u>			
Land Type: <u>Range</u>			
Pit Location: Pit dimensions: length <u>27'</u> , width <u>21'</u> , depth <u>7'</u>			
(Attach diagram) Reference: wellhead <u>X</u> , other <u> </u>			
Footage from reference: <u>135'</u>			
Direction from reference: <u>90</u> Degrees <u>X</u> East North <u>X</u>			
<u> </u> West of South <u> </u>			
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)		Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points) <u>0</u>
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)		Less than 100 feet Greater than 100 feet	(10 points) (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 Greater than 100 feet	(10 points) (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 No	(20 points) (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 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points) <u>0</u>
RANKING SCORE (TOTAL POINTS):		<u>0</u>	

Date Remediation Started: _____ Date Completed: 9-14-99

Remediation Method: Excavation _____
(Check all appropriate sections) Landfarmed X

Approx. cubic yards 147

In situ Bioremediation _____

Other _____

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

General Description of Remedial Action: Excavation

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Pit bottom @8' 4 point comosite of walls
Closure Sampling: Walls BTEX ND TPH ND
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 8' pit bottom
Sample date 9-14-99 Sample time 1315

Sample Results

Soil: Benzene	(ppm)	<u>ND</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>ND</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>1.2</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>ND</u>	Total Xylenes	(ppb)	_____

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 9-23-99 PRINTED NAME Bill Schaaphok
SIGNATURE Bill Schaaphok AND TITLE Environmental Specialist

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) _____

SIGNED: _____ DATE: _____

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT**Date: 22-Sep-99**

Client:	Elm Ridge Resources, Inc.	Client Sample Info:	Jicarilla Apache I #6
Work Order:	9909053	Client Sample ID:	Sep Pit Bottom @ 10ft
Lab ID:	9909053-02A	Matrix:	SOIL
Project:	Elm Ridge Landfarms	Collection Date:	9/14/99 1:30:00 PM
		COC Record:	10319

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	9/20/99
GASOLINE RANGE ORGANICS		SW8015B				Analyst: DM
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	9/16/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DM
Benzene	ND	1		µg/Kg	1	9/15/99
Toluene	ND	2		µg/Kg	1	9/15/99
Ethylbenzene	ND	1		µg/Kg	1	9/15/99
m,p-Xylene	ND	2		µg/Kg	1	9/15/99
o-Xylene	ND	1		µg/Kg	1	9/15/99

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 -

**ANALYTICAL REPORT**

Date: 22-Sep-99

Client:	Elm Ridge Resources, Inc.	Client Sample Info:	Jicarilla Apache I #6
Work Order:	9909053	Client Sample ID:	Sep Pit Walls
Lab ID:	9909053-03A	Matrix:	SOIL
Project:	Elm Ridge Landfarms	Collection Date:	9/14/99 1:15:00 PM
		COC Record:	10319

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	9/20/99
GASOLINE RANGE ORGANICS		SW8015B				Analyst: DM
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	9/16/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DM
Benzene	ND	1		µg/Kg	1	9/15/99
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o-Xylene	ND	1		µg/Kg	1	9/15/99

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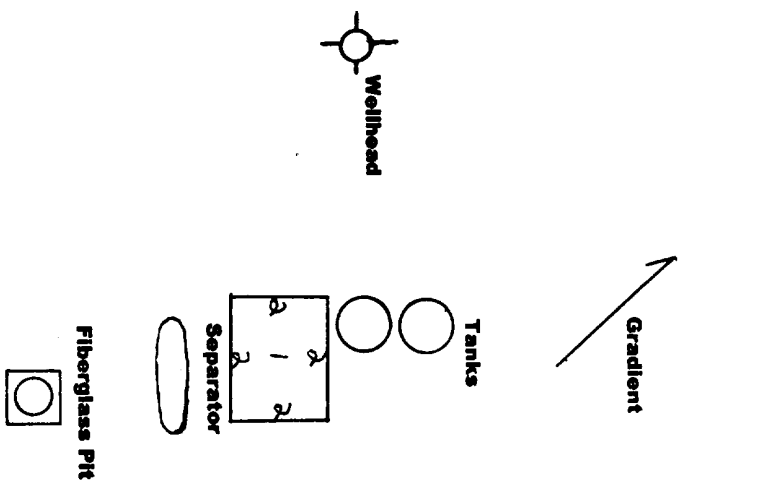
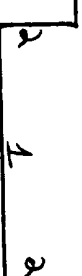
B - Analyte detected in the associated Method Blank

Surr: - Surrogate

1 of 1

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Location : Jicarilla Apache I #6			Overview of Location and Sampling :																																									
Quad : SE/SE Section : 11																																												
Range : 3W Township: 23N																																												
Pit : Separator Reference : 135' N90E Initial Size : unavailable Final Size : 27'x21'x7' Yds. Excavated : 147																																												
<table border="1"><thead><tr><th>Sample #</th><th>Location</th><th>OVM</th></tr></thead><tbody><tr><td>1</td><td>BTMG7</td><td>1.2</td></tr><tr><td>2</td><td>4wallcomp</td><td>0</td></tr><tr><td>3</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td></tr><tr><td>6</td><td></td><td></td></tr><tr><td>7</td><td></td><td></td></tr><tr><td>8</td><td></td><td></td></tr><tr><td>9</td><td></td><td></td></tr><tr><td>10</td><td></td><td></td></tr><tr><td>11</td><td></td><td></td></tr><tr><td>12</td><td></td><td></td></tr></tbody></table>			Sample #	Location	OVM	1	BTMG7	1.2	2	4wallcomp	0	3			4			5			6			7			8			9			10			11			12			Comments : Pit was excavated prior to sampling (date unknown) Submitted samples were taken 12" into bottom and 12" into walls All samples were submitted for TPH method 8015 and BTEX 8020		
Sample #	Location	OVM																																										
1	BTMG7	1.2																																										
2	4wallcomp	0																																										
3																																												
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6																																												
7																																												
8																																												
9																																												
10																																												
11																																												
12																																												
Depth to Groundwater: >100'																																												
Nearest Water Source: >1000'																																												
Nearest Surface Water: >1000'			TPH Closure Standard:																																									
NMOCD Ranking Score: 0			5000																																									
TPH Closure Standard: 5000			11																																									
TPH Closure Standard: 12			12																																									
Pit Profile : North to South :			Pit Profile : East to West :																																									
																																												
North			East																																									
South			West																																									

TECHNOLOGIES, LTD

612 E. Murray, Dr. P.O. Box 2606 • Farmington, NM 87499

LAB: (505) 825-5867 • FAX: (505) 827-1496

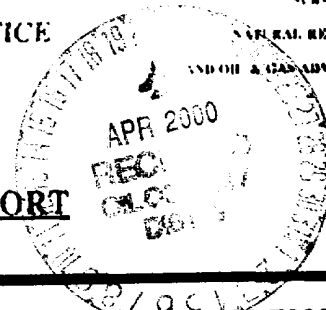
CHAIN OF CUSTODY RECORD

20

Purchase Order No.:		Project No.:	
Name: B. S. Lusk		Dept.:	
Company: Elm & Associates		Address: 318 1500 St.	
City, State, Zip: Farmington NM 87401		Project Location:	
SAMPLER'S SIGNATURE: <i>[Signature]</i>			
SAMPLE IDENTIFICATION			
DATE		SAMPLE	
TIME		MATRIX	
PRES.			
ML # 57 Landform Deby P. + 9-4-94 1500 So. 1 Cool			
Jic Hysack I # 6 Sep. P. + 8-14-94 1330 So. 1 Cool			
Jic Hysack J # 6 Sep. P. + 8-14-94 1315 So. 1 Cool			
Jic Hysack I # 5 Sep. P. + 8-14-94 1230 So. 1 Cool			
Jic Hysack I # 5 Sep. P. + 8-14-94 1255 So. 1 Cool			
Jic I # 11 Lindheim L-1 9-4-94 1030 So. 1 Cool			
Relinquished by: <i>[Signature]</i> Date/Time: 9-14-94			
Relinquished by: <i>[Signature]</i> Date/Time: 1700			
Relinquished by: <i>[Signature]</i> Date/Time: 1700			
Method of Shipment:			
Authorized by: <i>[Signature]</i> Date: 9-14-94			
REPORT RESULTS TO			
Name:			
Title:			
Company:			
Mailing Address:			
City, State, Zip:			
Telephone No.:			
Telefax No.:			
ANALYSIS REQUESTED			
Number of Containers			
LAB ID			
Special Instructions / Remarks:			

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

SUBMIT COPY TO
NATURAL RESOURCES DEPT
AND OIL & GAS ADMINISTRATION



ON-SITE SOIL REMEDIATION REPORT

Operator: Elm Ridge Resources Telephone: (605) 326-7099

Address: 312 W La Plata, Farmington NM 87401

Facility or Well Name: Jicarilla Apache I #6

Location: Unit or Qtr/Qtr Sec SE/SE Sec 11 T 23N R 3W County Rio Arriba

Land Type: Jicarilla Range

Date Remediation Started: _____ Date Completed: 8-24-99

Remediation Method: Landfarmed X Approx. cubic yards 172

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

Final Closure Sampling:

Sampling Date: 8-24-99 Time: 1322

Sample Results:

Field Headspace (ppm) 10.5

TPH (ppm) GRO ND Method 8015

DRO 3430

Other _____

RANKING SCORE (TOTAL POINTS): 0

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

DATE 9-23-99 PRINTED NAME Bill Schaaphok

SIGNATURE Bill Schaaphok AND TITLE Environmental Specialist

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: _____ DATE: _____

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 16-Sep-99

Client:	Elm Ridge Resources, Inc.	Client Sample Info:	Elm Ridge Landfarms
Work Order:	9908052	Client Sample ID:	Jic. Apache I #6 Landfarm
Lab ID:	9908052-03A	Matrix:	SOIL
Project:	Elm Ridge Landfarms	Collection Date:	8/23/99 1:22:00 PM
		COC Record:	10250

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	3430	25		mg/Kg	1	8/30/99
GASOLINE RANGE ORGANICS		SW8015B				Analyst: DM
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	8/25/99

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 -

Date Started: 1998 Date Completed: 8-24 1999

Ranking Score : 0 Closure Standard : Score ppm