

Denny G. Faust
DEPUTY OIL & GAS INSPECTOR

AUG 09 1999

Jicarilla Apache Tribe
Environmental Protection Office
P.O. Box 507
Dulce, New Mexico 87528

RECEIVED
JUN 24 1999
OIL CON. DIV.
DISC. 3

Approved

Pit Remediation and Closure Report

Operator: Petroleum Exploration U.S.A., Inc		Telephone: (505) 325-6800
Address: 2198 Bloomfield Hwy, Farmington, NM 87401		
Facility or Well Name: Jicarilla 55-2R		
Location:	Unit or Qtr/QTR Sec "P" Sec 35, T 23 N, R 3 W County Rio Arriba	
Pit Type:	Separator: Dehydrator: Other: X - Abandoned Separator Pit	
Land Type:	Range	
Pit Location: Pit dimensions: length: 25 ft width: 20 ft depth: 18 ft		
(Attach Diagram)		
Reference: wellhead: X other:		
Footage from reference: 130 feet		
Direction from reference: 45 Degrees East North		
X West South X		
Depth To Groundwater:	Less than 50 feet	(20 points)
(Vertical distance from	50 feet to 99 feet	(10 points)
contaminants to seasonal	Greater than 100 feet	(0 points) 0
high water elevations of		
groundwater)		
Distance to an Ephemeral Stream:	Less than 100 feet	(10 points)
(Downgradient dry wash greater than	Greater than 100 feet	(0 points) 0
ten feet in width)		
Distance to Nearest Lake, Playa, or Watering	Less than 100 feet	(10 points)
Pond: (Downgradient lakes, playas, and	Greater Than 100 feet	(0 points) 0
livestock or wildlife watering ponds)		
Wellhead Protection Area:	Yes	(20 points)
(Less than 200 feet from a private	No	(0 points) 0
domestic water source, or less than		
1000 feet from all other water sources)		
Distance To Surface Water:	Less than 100 feet	(20 points)
(Horizontal distance to perennial	100 feet to 1000 feet	(10 points)
lakes, ponds, rivers, streams, creeks,	Greater than 1000 feet	(0 points) 0
irrigation canals and ditches.)		
RANKING SCORE (TOTAL SCORE):		0

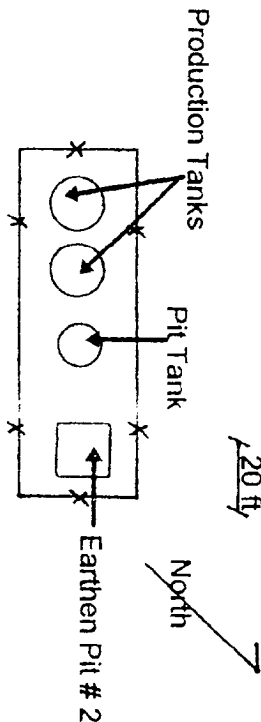
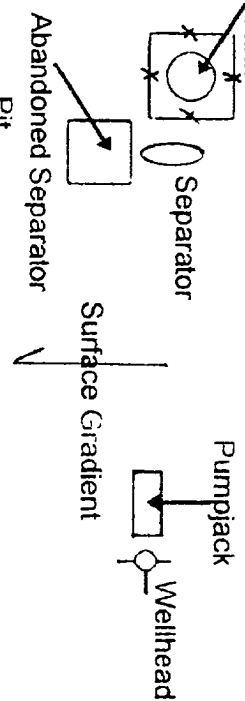
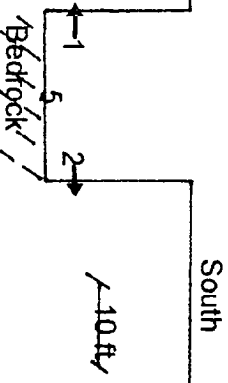
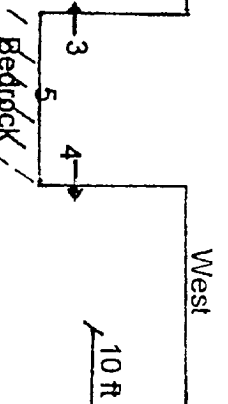
Jicarilla Apache Tribe
Environmental Protection Office
P.O. Box 507
Dulce, New Mexico 87528

Pit Remediation and Closure Report

Date Remediation Started:	8/14/98	Date Completed	8/14/98
Remediation Method:	Excavation:	X	Approx. cubic yd: 304
(Check all appropriate sections)	Landfarmed:	X	Insitu Bioremediation:
	Other:		
Remediation Location:	On-site:	X	Off-site:
(I.e. landfarmed on site, name and location of off site location)			
General Description of Remedial Action: Soil was excavated and landfarmed on location.			
Groundwater Encountered:	No: X	Yes:	Depth:
Final Pit Closure Sampling:	Sample location: Pit bottom @ 18 feet below surface. Pit walls were analyzed for Headspace (see attachment).		
(If multiple samples, attach sample results and diagram of sample locations and depths.)	Sample depth:	18 feet	
	Sample date:	8/14/98	Sample time: 1240
Sample Results:			
<u>Soil:</u>		<u>Water:</u>	
Benzene (ppm)		Benzene (ppb)	
Total BTEX (ppm)		Toluene (ppb)	
Field Headspace (ppm)	66.7	Ethylbenzene (ppb)	
TPH (ppm)	<10	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:	8/31/98	Frank McDonald	
SIGNATURE:	AND TITLE: Env. Division Manager		
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:	DATE: 9-2-98		

Client : Taurus Exploration U.S.A. Inc.

Date Started : August 14, 1998 Date Completed : August 14, 1998

<p>Location : Jicantla 55 #2-R</p> <p>Quad : P Section : 35</p> <p>Range : 3 W Township: 23 N</p>		<p>Overview of Location and Sampling :</p> 																																								
<p>Pit : Abandoned Separator Pit Reference : 130' S 45 W from wellhead Initial Size : 20' x 20' x 2' deep Final Size : 25' x 20' x 18' deep Yds. Excavated : 304 cy Depth to Groundwater: >100' Nearest Water Source: >1000' Nearest Surface Water: >1000' Nearest Ephemeral Stream: >1000' EPO Ranking Score: 0 TPH Closure Standard: 5000</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sample #</th> <th>Location</th> <th>OVM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N. Wall @ 16'</td> <td>21</td> </tr> <tr> <td>2</td> <td>S. Wall @ 18'</td> <td>34</td> </tr> <tr> <td>3</td> <td>E. Wall @ 16'</td> <td>59</td> </tr> <tr> <td>4</td> <td>W. Wall @ 18'</td> <td>13.1</td> </tr> <tr> <td>5</td> <td>C. Btm @ 18'</td> <td>88.7</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	N. Wall @ 16'	21	2	S. Wall @ 18'	34	3	E. Wall @ 16'	59	4	W. Wall @ 18'	13.1	5	C. Btm @ 18'	88.7	6			7			8			9			10			11			12		
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9																																										
10																																										
11																																										
12																																										
<p>Comments : Top soil - 6" Soil is moist, brown, loam with dark brown staining and a strong hydrocarbon odor. 6" - 18" Soil is dry, clay shale, with some dark staining and a detectable odor. 18" Bedrock A sample from the center bottom at 18' was sent to IML for GRO/DRO analysis.</p>		<p>Pit Profile : East to West :</p> 																																								
<p>Pit Profile : North to South :</p> 		<p>Pit Profile : East to West :</p> 																																								

Environmental Specialist : VC

Cimarron Oilfield Services

Page 1 of 1

Frank McDonald
Cimarron Oilfield Service Co.
P. O. Box 3235
Farmington, NM 87401

August 24, 1998

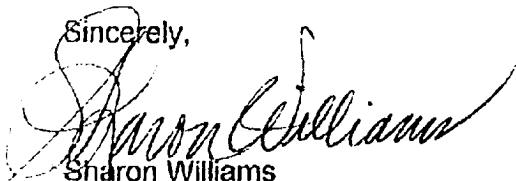
Mr. McDonald:

Enclosed, please find the reports for the samples submitted for Taurus Exploration to our laboratory on August 18, 1998.

If you have any questions about the result of these analyses, please don't hesitate to call at your convenience.

We appreciate your business!

Sincerely,



Sharon Williams
Organics Lab Supervisor

Enclosure

xc: File

COPY

GASOLINE RANGE ORGANICS - GRO

Taurus Exploration U.S.A., Inc.

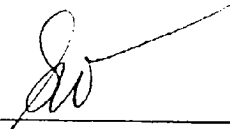
Project ID:	Jicarilla 55-2R Prod. Tank Pit	Report Date:	08/24/98
Sample ID:	C. Bottom @ 7'	Date Sampled:	08/17/98
Lab ID:	0398G04563	Date Received:	08/18/98
Sample Matrix:	Soil	Date Analyzed:	08/20/98
Condition:	Cool/Intact		

TPH GAS-RANGE (MOD EPA 8015)	RESULT	DETECTION LIMIT
Gasoline-Range Petroleum Hydrocarbons	<5.0	5.0 mg/kg

ND - Analyte not detected at the stated detection limit.

Reference:

Comments:

Reported By: 

Reviewed By: 

COPY

DIESEL RANGE ORGANICS - DRO

Taurus Exploration U.S.A., Inc.


Project ID:	Jicarilla 55-2R Prod. Tank Pit	Report Date:	08/24/98
Sample ID:	C. Bottom @ 7'	Date Sampled:	08/17/98
Lab ID:	0398G04563	Date Received:	08/18/98
Sample Matrix:	Soil	Date Analyzed:	08/20/98
Condition:	Cool/Intact		

TPH DIESEL-RANGE (MOD EPA 8015)	RESULT	DETECTION LIMIT
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0 mg/kg

ND - Analyte not detected at the stated detection limit.

Reference:

Comments:


Reported By:


Reviewed By

COPY

CHAIN OF CUSTODY RECORD

Client/Project Name <i>Taurus Exploration USA Inc</i>		Project Location <i>Tecoma 55-2R</i>		Prod. Tank <i>P1+</i>		ANALYSES / PARAMETERS	
Sampler: (Signature)		Chain of Custody Tape No.		No. of Containers <i>8015 GRD / DRU</i>		Remarks	
Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers	Remarks	
<i>JL 55-2R RI 2 Box of 8/1/98</i>	<i>13:01</i>			<i>Soil</i>	<i>1</i>		
<div style="font-size: 4em; transform: rotate(-45deg); opacity: 0.5;">COPY</div>							
Relinquished by: (Signature)				Date	Time	Received by: (Signature)	Date
<i>[Signature]</i>				<i>7/18/98</i>	<i>09:50</i>	<i>[Signature]</i>	<i>8/18/98 7:00</i>
Relinquished by: (Signature)				Date	Time	Received by: (Signature)	Date
<i>[Signature]</i>				<i>7/18/98</i>	<i>09:35</i>	<i>[Signature]</i>	<i>8/18/98 09:35</i>
Relinquished by: (Signature)				Date	Time	Received by: (Signature)	Date
<i>[Signature]</i>						<i>[Signature]</i>	<i>8/18/98 09:35</i>

Inter-Mountain Laboratories, Inc.

☐ 1633 Terra Avenue
Sheridan, Wyoming 82801
Telephone (307) 672-8945

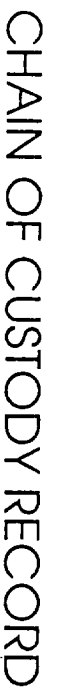
☐ 1701 Phillips Circle
Gillette, Wyoming 82718
Telephone (307) 682-8945

☒ 2506 West Main Street
Farmington, NM 87401
Telephone (505) 326-4737

☐ 1160 Research Drive
Bozeman, Montana 59718
Telephone (406) 586-8450

☐ 11183 State Hwy. 30
College Station, TX 77845
Telephone (409) 776-8945

54579



CHAIN OF CUSTODY RECORD

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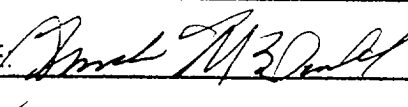
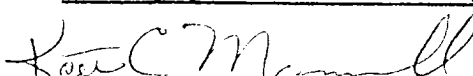
Jicarilla Apache Tribe
Environmental Protection Office
P.O. Box 507
Dulce, New Mexico 87528

Pit Remediation and Closure Report

Operator:		Taurus Exploration U.S.A., Inc		Telephone:		(505) 325-6800	
Address:		2198 Bloomfield Hwy, Farmington, NM 87401					
Facility or Well Name:		Jicarilla 55-2R					
Location:		Unit or Qtr/QTR		Sec "P" Sec 35, T 23 N, R 3 W		County Rio Arriba	
Pit Type:		Separator:		Dehydrator:		Other: X - Production Tank Pit	
Land Type:		Range					
Pit Location:		Pit dimensions:		length: 15 ft		width: 20 ft depth: 7 ft	
(Attach Diagram)							
Reference:		wellhead: X		other:			
Footage from reference:		110 feet					
Direction from reference:		55		Degrees		East North X	
						of	
				X West		South	
Depth To Groundwater:		Less than 50 feet		(20 points)			
(Vertical distance from		50 feet to 99 feet		(10 points)			
contaminants to seasonal		Greater than 100 feet		(0 points)		0	
high water elevations of							
groundwater)							
Distance to an Ephemeral Stream:		Less than 100 feet		(10 points)			
(Downgradient dry wash greater than		Greater than 100 feet		(0 points)		0	
ten feet in width)							
Distance to Nearest Lake, Playa, or Watering		Less than 100 feet		(10 points)			
Pond: (Downgradient lakes, playas, and		Greater Than 100 feet		(0 points)		0	
livestock or wildlife watering ponds)							
Wellhead Protection Area:		Yes		(20 points)			
(Less than 200 feet from a private		No		(0 points)		0	
domestic water source, or less than							
1000 feet from all other water sources)							
Distance To Surface Water:		Less than 100 feet		(20 points)			
(Horizontal distance to perennial		100 feet to 1000 feet		(10 points)			
lakes, ponds, rivers, streams, creeks,		Greater than 1000 feet		(0 points)		0	
irrigation canals and ditches.)							
RANKING SCORE (TOTAL SCORE):						0	

Jicarilla Apache Tribe
Environmental Protection Office
P.O. Box 507
Dulce, New Mexico 87528

Pit Remediation and Closure Report

Date Remediation Started: 8/14/98		Date Completed 8/17/98	
Remediation Method:	Excavation: <u>X</u>	Approx. cubic yd:	<u>61</u>
(Check all appropriate sections)	Landfarmed: <u>X</u>	Insitu Bioremediation: _____	
	Other: _____		
Remediation Location:	On-site: <u>X</u>	Off-site: _____	
(I.e. landfarmed on site, name and location of off site location)			
General Description of Remedial Action:		Soil was excavated and landfarmed on location.	
Groundwater Encountered:	No: <u>X</u>	Yes: _____	Depth: _____
Final Pit	Sample location: Pit Bottom @ 7 feet below surface . Pit		
Closure Sampling:	walls were analyzed for Headspace (see attachment).		
(If multiple samples, attach sample results and diagram of sample locations and depths.)	Sample depth: <u>7 feet</u>	Sample date: <u>8/17/98</u>	Sample time: <u>1301</u>
Sample Results:			
<u>Soil:</u>		<u>Water:</u>	
Benzene (ppm)	_____	Benzene (ppb)	_____
Total BTEX (ppm)	_____	Toluene (ppb)	_____
Field Headspace (ppm)	<u>59</u>	Ethylbenzene (ppb)	_____
TPH (ppm)	<u><10</u>	Total Xylenes (ppb)	_____
Groundwater Sample:	Yes: _____	No: <u>X</u>	
(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: 8/31/98		Frank McDonald	
SIGNATURE: 		AND TITLE: Env. Division Manager	
AFTER REVIEW OF THE PIT CLOSURE INFORMATION PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE			
APPROVED: Yes: <u>X</u> No: _____ (Reason)			
SIGNED: 		DATE: 9-2-98	

Client : Taurus Exploration U.S.A. Inc.

Date Started : August 14, 1998 Date Completed : August 17, 1998

<p>Location : Jicarilla 55 #2-R</p> <p>Quad : P Section : 35</p> <p>Range : 3 W Township: 23 N</p> <p>Pit : Production Tank Pit Reference : 110' N 55 W from wellhead</p> <p>Initial Size : 15' x 15' x 2' deep Final Size : 15' x 20' x 7' deep Yds. Excavated : 61 cy Depth to Groundwater: >100' Nearest Water Source: >1000' Nearest Surface Water: >1000' Nearest Ephemeral Stream: >1000' EPO Ranking Score: 0 TPH Closure Standard: 5000</p> <p>Comments : Top soil - 7" Soil is dry, brown/maroon, clay - shale with no staining and a strong hydrocarbon odor. 7" Bedrock A sample from the center bottom at 7' was sent to IML for GRO/DRO analysis.</p>		<p>Overview of Location and Sampling :</p>																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample #</th> <th>Location</th> <th>OVM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N. Well @ 6'</td> <td>1.4</td> </tr> <tr> <td>2</td> <td>S. Well @ 6'</td> <td>13.4</td> </tr> <tr> <td>3</td> <td>E. Well @ 6'</td> <td>36.5</td> </tr> <tr> <td>4</td> <td>W. Well @ 6'</td> <td>11.3</td> </tr> <tr> <td>5</td> <td>C. Bm @ 7'</td> <td>59</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	N. Well @ 6'	1.4	2	S. Well @ 6'	13.4	3	E. Well @ 6'	36.5	4	W. Well @ 6'	11.3	5	C. Bm @ 7'	59	6			7			8			9			10			11			12			<p>Pit Profile : East to West :</p>	
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<p>Pit Profile : North to South :</p>		<p>Pit Profile : East to West :</p>																																								

Environmental Specialist : VC

Cimarron Oilfield Services

Frank McDonald
Cimarron Oilfield Service Co.
P. O. Box 3235
Farmington, NM 87401

August 24, 1998

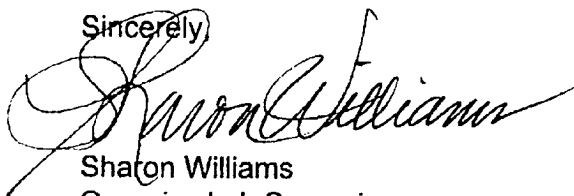
Mr. McDonald:

Enclosed, please find the reports for the samples submitted for Taurus Exploration to our laboratory on August 17, 1998.

If you have any questions about the result of these analyses, please don't hesitate to call at your convenience.

We appreciate your business!

Sincerely,



Sharon Williams
Organics Lab Supervisor

Enclosure

xc: File

COPY

GASOLINE RANGE ORGANICS - GRO

Taurus Exploration U.S.A., Inc.

Project ID:	Jicarilla 55-2R Sep. Pit	Report Date:	08/24/98
Sample ID:	C. Bottom @ 18'	Date Sampled:	08/14/98
Lab ID:	0398G04552	Date Received:	08/17/98
Sample Matrix:	Soil	Date Analyzed:	08/20/98
Condition:	Cool/Intact		

TPH GAS-RANGE (MOD EPA 8015)	RESULT	DETECTION LIMIT
Gasoline-Range Petroleum Hydrocarbons	<5.0	5.0 mg/kg

ND - Analyte not detected at the stated detection limit.

Reference:

Comments:



Reported By:


Reviewed By

COPY

DIESEL RANGE ORGANICS - DRO

Taurus Exploration U.S.A., Inc.

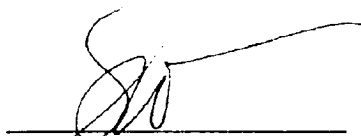
Project ID:	Jicarilla 55-2R Sep. Pit	Report Date:	08/24/98
Sample ID:	C. Bottom @ 18'	Date Sampled:	08/14/98
Lab ID:	0398G04552	Date Received:	08/17/98
Sample Matrix:	Soil	Date Analyzed:	08/20/98
Condition:	Cool/Intact		

TPH DIESEL-RANGE (MOD EPA 8015)	RESULT	DETECTION LIMIT
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0 mg/kg


ND - Analyte not detected at the stated detection limit.

Reference:

Comments:



Reported By:


Reviewed By

COPY



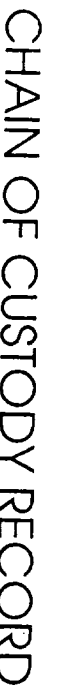
CHAIN OF CUSTODY RECORD

Client/Project Name		Project Location		ANALYSES / PARAMETERS							
Taurus Exploration / IAH Inc		Jardine SS-2R									
Sampler: (Signature)		Chain of Custody Tape No.		Remarks							
Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers						
Dr SS-2RC Bore 18'	8/14/98	12:40		Soil	1						
<div>COPY</div>											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)	Date						
<i>[Signature]</i>		8/17/98	17:35	<i>[Signature]</i>	8/17/98						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)	Date						
<i>[Signature]</i>		8/17/98	8:10	<i>[Signature]</i>	8:10						
Relinquished by: (Signature)		Date	Time	Received by laboratory: (Signature)	Date						
<i>[Signature]</i>				<i>[Signature]</i>	8/17/98						

Inter-Mountain Laboratories, Inc.

<input type="checkbox"/> 1633 Terra Avenue Sheridan, Wyoming 82801 Telephone: (307) 692-0045	<input type="checkbox"/> 1701 Phillips Circle Gillette, Wyoming 82718 Telephone: (307) 692-0045	<input type="checkbox"/> 2506 West Main Street Farmington, NM 87401 Telephone: (505) 396-1727	<input type="checkbox"/> 1160 Research Drive Bozeman, Montana 59718 Telephone: (406) 596-8450	<input type="checkbox"/> 11183 State Hwy. 30 College Station, TX 77845 Telephone: (409) 776-8045
--	---	---	---	--

54024



CHAIN OF CUSTODY RECORD

54579

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

ON-SITE SOIL REMEDIATION REPORT

Operator: Taurus Exploration USA Inc. Telephone: (505) 325 - 6800

Address: 2198 Bloomfield Hwy, Farmington N.M. 87401

Facility or Well Name: Jicarilla 55-2R

Location: Unit or Qtr/Qtr Sec P Sec 35 T 23 N R 3 W County Sandoval

Land Type: Range

Date Remediation Started: 8/14/98 Date Completed: 11/18/98

Remediation Method: Landfarmed X Approx. cubic yards 365

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

**RANKING SCORE
(TOTAL POINTS):** 0

Final Closure Sampling:

Sampling Date: 11/18/98 Time: 0945

Sample Results:

Field Headspace (ppm) 5.7

TPH (ppm) <10 Method 8015

Other:

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

DATE: 12/16/98 PRINTED NAME VIRGIL CHAVEZ

SIGNATURE  AND TITLE ENV. SPECIALIST

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

APPROVED: YES X NO (REASON) use as Backfill

SIGNED:  DATE: 12-28-98

Client : Taurus Exploration USA Inc.

Date Started : August 14, 1998 Date Completed : November 18, 1998

Location : <u>Jicarilla 55-2R</u>			<div style="text-align: center;"> </div>																																									
Quad : <u>P</u> Section : <u>35</u>																																												
Township: <u>23 N</u> Range: <u>3 W</u>																																												
Pit : <u>Separator/Prod. Tank</u>																																												
Reference <u>175' N 5 W</u> from wellhead.			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Sample #</th> <th style="width: 25%;">Location</th> <th style="width: 20%;">OVM</th> </tr> </thead> <tbody> <tr><td>1</td><td>Comp 1</td><td>2.5</td></tr> <tr><td>2</td><td>Comp 2</td><td>5.7</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	Comp 1	2.5	2	Comp 2	5.7	3			4			5			6			7			8			9			10			11			12		
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Size: <u>110' x 35' x 2'</u>			<div style="text-align: center;"> </div>																																									
Yds : <u>365</u>																																												
2 <u>5</u> - Point Composites																																												
<div style="text-align: center;"> </div>																																												
Comments : <u>Soil is moist, light brown, sandy/clay/loam, with no visible staining and a slight hydrocarbon odor.</u> <u>A sample from composite # 2 was sent to IML for GRO/DRO analysis.</u>			<div style="text-align: center;"> </div>																																									
Environmental Specialist : <u>JE</u>																																												

Ranking Score : 0 Closure Standard : 5000 ppm

Cimarron Oilfield Services



GASOLINE RANGE ORGANICS - GRO

TAURUS EXPLORATION U.S.A., INC.

Project ID:	Jicarilla 55-2-R	Report Date:	12/15/98
Sample ID:	Prod. Pit Land Farm	Date Sampled:	11/18/98
Lab ID:	0398G06796	Date Received:	11/20/98
Sample Matrix:	Soil	Date Analyzed:	12/08/98
Condition:	Cool/Intact		

TPH GAS-RANGE (MOD EPA 8015)	RESULT	DETECTION LIMIT
Gasoline-Range Petroleum Hydrocarbons	<5.0	5.0 mg/Kg

ND - Analyte not detected at the stated detection limit.

Reference:

Comments:



Reported By:



Reviewed By:



DIESEL RANGE ORGANICS - DRO

TAURUS EXPLORATION U.S.A., INC.


Project ID:	Jicarilla 55-2-R	Report Date:	12/15/98
Sample ID:	Prod. Pit Land Farm	Date Sampled:	11/18/98
Lab ID:	0398G06796	Date Received:	11/20/98
Sample Matrix:	Soil	Date Analyzed:	12/04/98
Condition:	Cool/Intact		

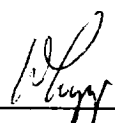
TPH DIESEL RANGE (MOD EPA 8015)	RESULT	DETECTION LIMIT
Diesel-Range Petroleum Hydrocarbons	<5.0	5.0 mg/Kg

ND - Analyte not detected at the stated detection limit.

Reference:

Comments:


Reported By:


Reviewed By:

CHAIN OF CUSTODY RECORD

Client/Project Name <i>Taurus Exploration</i>			Project Location <i>Sic 55-2-12</i>		ANALYSES / PARAMETERS	
Sampler: (Signature) <i>William Galt</i>			Chain of Custody Tape No.		Remarks	
Sample No./ Identification <i>Prod. P, t</i> <i>Land Farm</i>	Date <i>11-19-98</i>	Time <i>6945</i>	Lab Number	Matrix <i>Soil</i>	No. of Containers <i>9015</i> <i>400</i> <i>200</i> <i>X</i>	<i>Received</i> <i>and intact</i>
Relinquished by: (Signature) <i>William Galt</i>			Date <i>11-20-98</i>	Time <i>1321</i>	Received by: (Signature) <i>Justin Hutchings</i>	Date <i>11-24-98</i>
Relinquished by: (Signature) <i>William Galt</i>			Date <i>11-20-98</i>	Time <i>1321</i>	Received by: (Signature) <i>Justin Hutchings</i>	Date <i>11-24-98</i>
Relinquished by: (Signature)			Date	Time	Received by: (Signature)	Date <i>11-24-98</i>
Relinquished by: (Signature)			Date	Time	Received by: (Signature)	Date <i>11-24-98</i>

Inter-Mountain Laboratories, Inc.

☐ 1633 Terra Avenue
Sheridan, Wyoming 82801
Telephone (307) 672-8945

☐ 1701 Phillips Circle
Gillette, Wyoming 82718
Telephone (307) 682-8945

☐ 2506 West Main Street
Farmington, NM 87401
Telephone (505) 326-4737

☐ 1160 Research Drive
Bozeman, Montana 59718
Telephone (406) 586-8450

☐ 11183 State Hwy. 30
College Station, TX 77845
Telephone (409) 776-8945

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