

Dennis L. Frost
DEPUTY OIL & GAS INSPECTOR

AUG 09 1999

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

OK
RECEIVED
JUN 24 1999
OIL CON. DIV.
Dist. 3

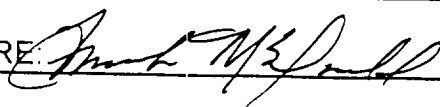
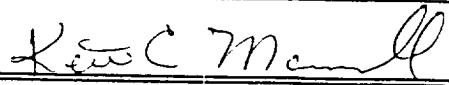
Pit Remediation and Closure Report

Operator:	Taurus Exploration U.S.A., Inc	Telephone:	(505) 325-6800
Address:	2198 Bloomfield Hwy, Farmington, NM 87401		
Facility or Well Name:	Jicarilla 96-8		
Location:	Unit or Qtr/QTR Sec "M" Sec 12, T 26 N, R 3 W County Rio Arriba		
Pit Type:	Separator:	Dehydrator:	Other: X - Abandoned Blow Pit
Land Type:	Range		
Pit Location:	Pit dimensions: length: 18 ft width: 18 ft depth: 5 ft (Attach Diagram)		
Reference:	wellhead: X other:		
Footage from reference:	300 feet		
Direction from reference:	80	Degrees	East North of X West South X
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevations of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)	0
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)	0
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)	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 No	(20 points) (0 points)	0
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)	0
RANKING SCORE (TOTAL SCORE):			0

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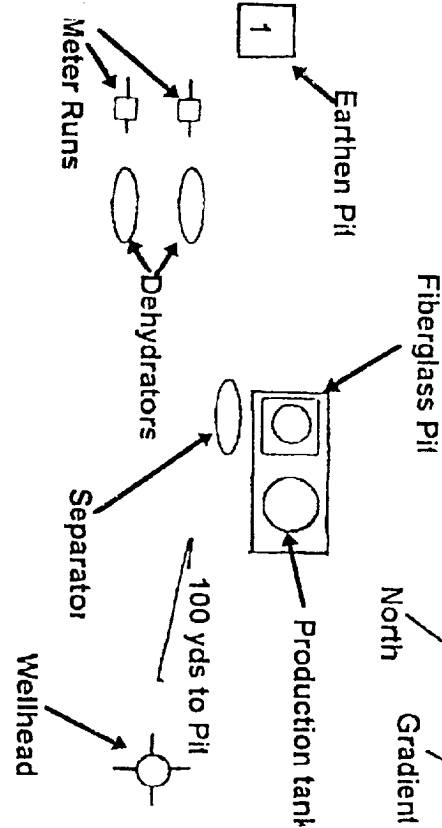
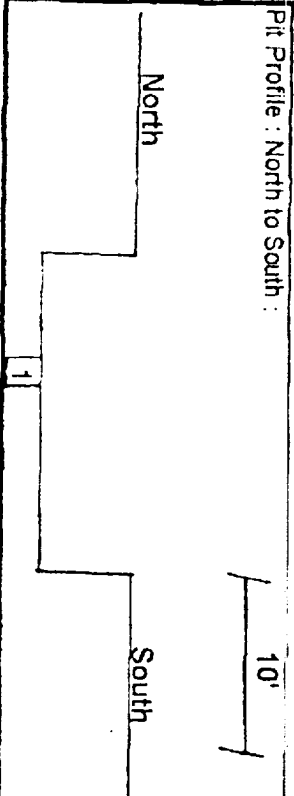
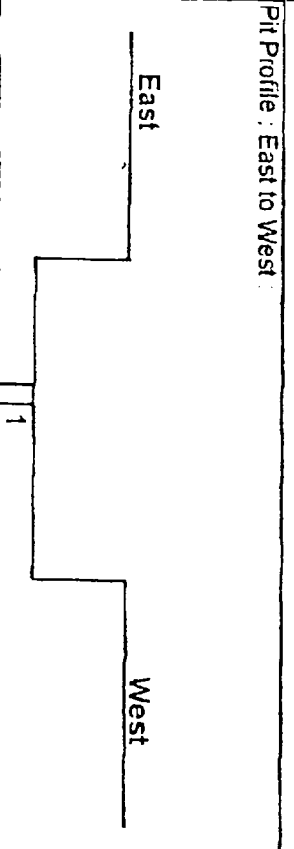
Pit Remediation and Closure Report

Date Remediation Started: <u>4/24/98</u>		Date Completed: <u>4/24/98</u>	
Remediation Method: (Check all appropriate sections)	Excavation: _____	Approx. cubic yd: <u>0</u>	
	Landfarmed: _____	Insitu Bioremediation: _____	
	Other: _____	Pit bottom to <u>4</u> feet below surface is clean.	
Remediation Location: (I.e. landfarmed on site, name and location of off site location)	On-site: _____	N/A	Off-site: _____
General Description of Remedial Action: <u>Sample from 4 feet below pit bottom was analyzed and within EPO Guidelines.</u>			
Groundwater Encountered:	No: <u>X</u>	Yes: _____	Depth: _____
Final Pit	<u>Sample location: Center bottom @ 9 feet (4 ft below pit bottom).</u>		
Closure Sampling: (If multiple samples, attach sample results and diagram of sample locations and depths.)	Sample depth: <u>9 feet</u> Sample date: <u>4/24/98</u> Sample time: <u>N/A</u>		
Sample Results:			
Soil:		Water:	
Benzene (ppm) _____		Benzene (ppb) _____	
Total BTEX (ppm) _____		Toluene (ppb) _____	
Field Headspace (ppm) <u>10.7</u>		Ethylbenzene (ppb) _____	
TPH (ppm) <u>52</u>		Total Xylenes (ppb) _____	
Groundwater Sample: (If yes, attach sample results.)	Yes: _____	No: <u>X</u>	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE: <u>7/6/98</u>		Frank McDonald	
SIGNATURE: 		AND TITLE: <u>Env. Division Manager</u>	
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: <u>7-16-98</u>	

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Client : Taurus Exploration U.S.A Inc.

Date Started : April 24, 1998 Date Completed : April 24, 1998

Location: <u>Jicarilla 96-8</u>		Overview of Location and Sampling: <div style="text-align: right;">  </div>																																								
Quad : <u>M</u> Section : <u>12</u>		<div style="text-align: center;">  </div>																																								
Range : <u>3W</u> Township: <u>26N</u>																																										
Pit : <u>Blowdown</u> Reference : <u>300' S80W</u> <u>Of wellhead</u> Initial Size : <u>18'x18'x5' deep</u> Final Size : Yds. Excavated :																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Sample #</th> <th style="width: 35%;">Location</th> <th style="width: 15%;">OVM</th> </tr> </thead> <tbody> <tr><td>1</td><td>Btm@9'</td><td>10.7</td></tr> <tr><td>2</td><td></td><td></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	Btm@9'	10.7	2			3			4			5			6			7			8			9			10			11			12		
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Depth to Groundwater: <u>>100'</u> Nearest Water Source: <u>>1000'</u> Nearest Surface Water: <u>>1000'</u> NMOCD Ranking Score: <u>0</u> TPH Closure Standard: <u>5000</u>																																										
Comments : Earthen pit is off the wellpad, located at the meter runs west of the wellhead. Sandy loam no HC odor or staining.																																										
Pit Profile : North to South : <div style="text-align: center;">  </div>		Pit Profile : East to West : <div style="text-align: center;">  </div>																																								

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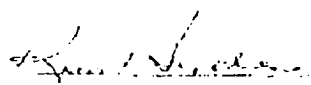
Inter-Mountain Laboratories, Inc.1701 Phillips Circle
Gillette, Wyoming 82718

Client: IML - Farmington
Project: Taurus Exploration
Sample ID: Blowdown Pit C 9'
Lab ID: 0298W01935
Matrix: Soil
Condition: Cool/Intact

Date Reported: 05/18/98
Date Sampled: 04/23/98
Date Received: 04/28/98

Parameter	Analytical Result	PQL	Units
DRO ANALYSIS			
DRO (Modified 8015)	34	5	mg/Kg
GRO ANALYSIS			
GRO (Modified 8015)	18	5	mg/Kg

Reference: Method 8015, Nonhalogenated Organics, Test Methods for Evaluating Solid Waste, United States Environmental Protection Agency, SW-846

Reviewed By: **COPY**



CHAIN OF CUSTODY RECORD

Client/Project Name				Project Location		ANALYSES / PARAMETERS			
Sampler: (Signature)				Chain of Custody Tape No.		Remarks			
Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers				
Bloodstain #1	4-27-98	11:00		Soil	1	2015 SRU/DRO			
COPY									
Relinquished by: (Signature)				Date	Time	Received by: (Signature)		Date	Time
Relinquished by: (Signature)				Date	Time	Received by: (Signature)		Date	Time
Relinquished by: (Signature)				Date	Time	Received by: (Signature)		Date	Time

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

1701 Phillips Circle
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2506 West Main Street
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Telephone (505) 326-4737

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

11163 State Hwy. 30
College Station, TX 77845
Telephone (409) 776-8945

Inter-Mountain Laboratories, Inc.