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JUN 24 1999

OIL CON. DIV.
DIST. 3

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

Denny E. Foust
DEPUTY OIL & GAS INSPECTOR


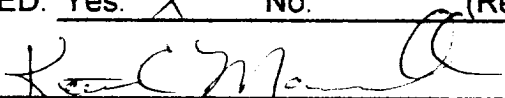
AUG 09 1999

Approval
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:	Sromberg # 9		
Location:	Unit or Qtr/QTR	Sec "K" Sec 34, 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: 15 ft width: 15 ft depth: 1 ft		
(Attach Diagram)			
Reference:	wellhead: X other:		
Footage from reference:	20 feet		
Direction from reference:	80	Degrees	X East North X
			of 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

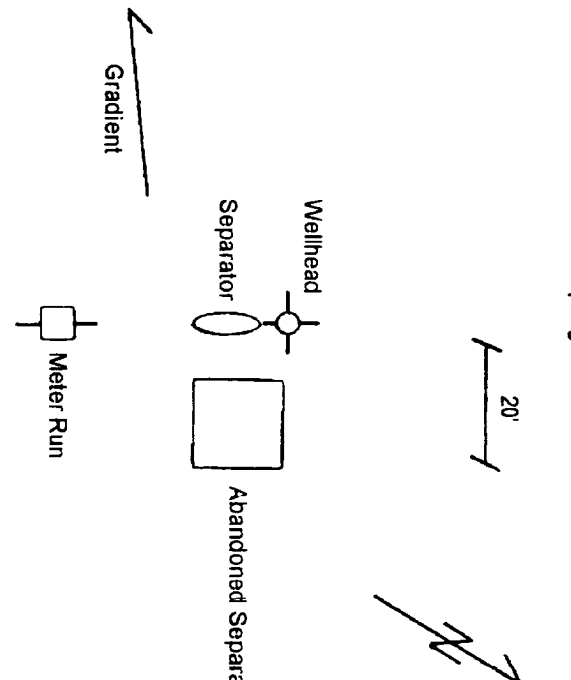
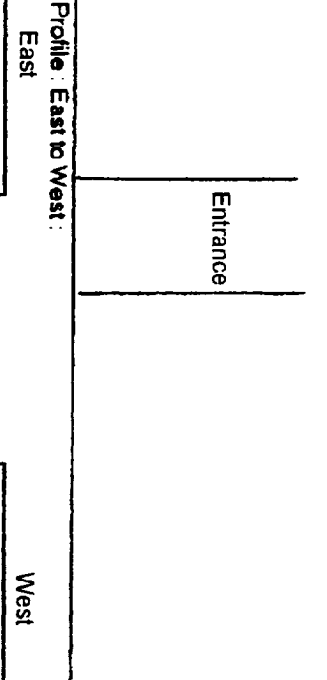
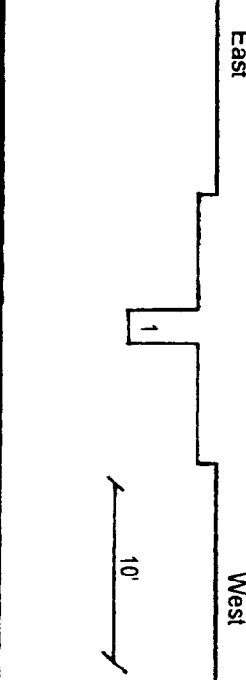
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Pit Remediation and Closure Report

Date Remediation Started: 4/24/98		Date Completed: 4/24/98	
Remediation Method: (Check all appropriate sections)	Excavation:	Approx. cubic yd: 0	
	Landfarmed:	Insitu Bioremediation:	
	Other:	Pit bottom to 4 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: Sample from 4 feet below pit bottom was analyzed and within EPO Guidelines.		
Groundwater Encountered:	No: X	Yes:	Depth:
Final Pit Closure Sampling: (If multiple samples, attach sample results and diagram of sample locations and depths.)	Sample location: Center bottom @ 8 feet (4 ft below pit bottom).		
	Sample depth:	5 feet	
	Sample date:	4/24/98	Sample time: N/A
Sample Results:			
Soil:		Water:	
Benzene (ppm)	0.259	Benzene (ppb)	
Total BTEX (ppm)	2.3	Toluene (ppb)	
Field Headspace (ppm)	242	Ethylbenzene (ppb)	
TPH (ppm)	57	Total Xylenes (ppb)	
Groundwater Sample: (If yes, attach sample results.)	Yes:	No: X	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE: 8/26/98		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: April 24, 1998 Date Completed: April 24, 1998

Location: <u>Stromberg # 9</u>		Overview of Location and Sampling: 																																																		
Quad: <u>K</u> Section: <u>34</u>																																																				
Range: <u>3 W</u> Township: <u>23 N</u>																																																				
Pit: Abandoned Separator Pit Reference: <u>20' N 80° E</u> from Wellhead Initial Size: <u>15' x 15' x 1'</u> Final Size: <u>15' x 15' x 1'</u> Yds. Excavated: <u>0 cy</u>																																																				
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="font-size: small;">Sample #</th> <th style="font-size: small;">Location</th> <th style="font-size: small;">OVM</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">1</td><td style="text-align: center;">C Btm @ 5'</td><td style="text-align: center;">242</td></tr> <tr><td style="text-align: center;">2</td><td></td><td></td></tr> <tr><td style="text-align: center;">3</td><td></td><td></td></tr> <tr><td style="text-align: center;">4</td><td></td><td></td></tr> <tr><td style="text-align: center;">5</td><td></td><td></td></tr> <tr><td style="text-align: center;">6</td><td></td><td></td></tr> <tr><td style="text-align: center;">7</td><td></td><td></td></tr> <tr><td style="text-align: center;">8</td><td></td><td></td></tr> <tr><td style="text-align: center;">9</td><td></td><td></td></tr> <tr><td style="text-align: center;">10</td><td></td><td></td></tr> <tr><td style="text-align: center;">11</td><td></td><td></td></tr> <tr><td style="text-align: center;">12</td><td></td><td></td></tr> </tbody> </table>	Sample #	Location	OVM	1	C Btm @ 5'	242	2			3			4			5			6			7			8			9			10			11			12			<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Depth to Groundwater:</td> <td style="text-align: center;">>100'</td> </tr> <tr> <td>Nearest Water Source:</td> <td style="text-align: center;">>1000'</td> </tr> <tr> <td>Nearest Surface Water:</td> <td style="text-align: center;">>1000'</td> </tr> <tr> <td>NMOCOD Ranking Score:</td> <td style="text-align: center;">0</td> </tr> <tr> <td>TPH Closure Standard:</td> <td style="text-align: center;">5000</td> </tr> </table>	Depth to Groundwater:	>100'	Nearest Water Source:	>1000'	Nearest Surface Water:	>1000'	NMOCOD Ranking Score:	0	TPH Closure Standard:	5000
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Comments: 0' - 2' Below Pit Bottom: Soil is moist, brown, clay with a mild hydrocarbon. 2' - 4' Below Pit Bottom: Soil is moist, dark brown, clay with a moderate hydrocarbon odor. Samples were taken @ 5' (4' below pit bottom) at 12:20. Excavation pending.		Pit Profile: East to West: 																																																		
Pit Profile: North to South: 																																																				

Client: IML - Farmington
Project: Taurus Exploration
Sample ID: C.Btm @5'
Lab ID: 0298W01930
Matrix: Soil
Condition: Cool/Intact

Date Reported: 05/18/98
Date Sampled: 04/24/98
Date Received: 04/28/98

Parameter	Analytical Result	PQL	Units
DRO ANALYSIS			
DRO (Modified 8015)	11	5	mg/Kg
GRO ANALYSIS			
GRO (Modified 8015)	46	5	mg/Kg

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

Reviewed By: 

VOLATILE AROMATIC HYDROCARBONS**Taurus Exploration**

Project ID: Stromberg #9
Sample ID: C. Btm @ 5'
Lab ID: 0398G02285
Sample Matrix: Soil
Condition: Cool/Intact

Report Date: 05/01/98
Date Sampled: 04/24/98
Time Sampled: 1220
Date Received: 04/24/98
Date Extracted: 04/27/98
Date Analyzed: 04/30/98


Target Analyte	Concentration (ppb)	Detection Limit (ppb)
Benzene	259	10.0
Toluene	377	10.0
Ethylbenzene	193	10.0
m,p-Xylenes	1,580	10.0
o-Xylene	404	10.0

ND - Analyte not detected at the stated detection limit.


Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Bromofluorobenzene	88%	70%-130%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:



Analyst



Review



CHAIN OF CUSTODY RECORD

[illegible]

