

Denny E. Faust
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 P-3						
Location:	Unit or Qtr/QTR			Sec "L"	Sec 27, T 24 N, R 5 W	County	Rio Arriba
Pit Type:	Separator:	Dehydrator:	Other: X - Abandoned Blow Pit				
Land Type:	Range						
Pit Location:	Pit dimensions: length: 12 ft width: 12 ft depth: 2 ft						
(Attach Diagram)	Reference: wellhead: X other:						
	Footage from reference: 12 feet						
	Direction from reference: 30 Degrees X East North 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		

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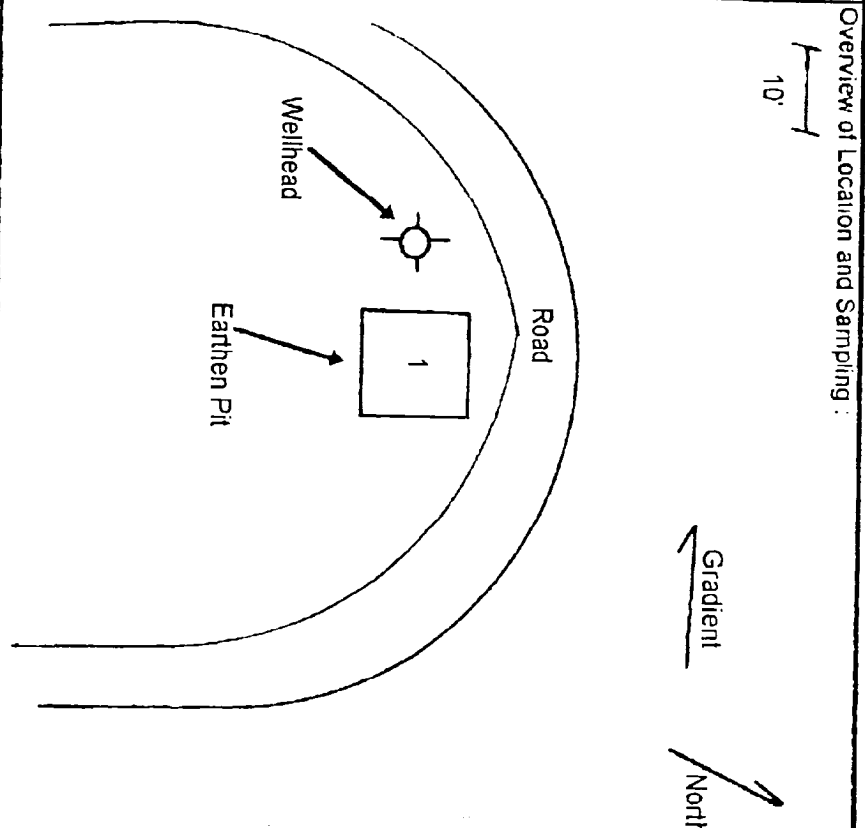
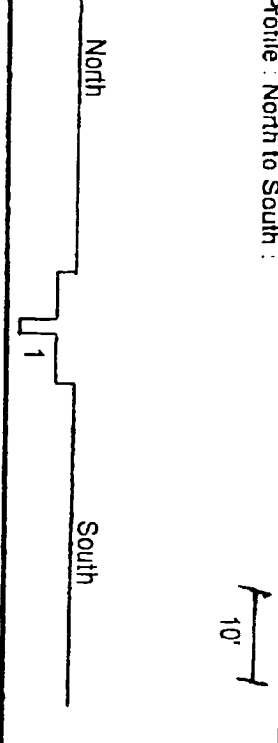
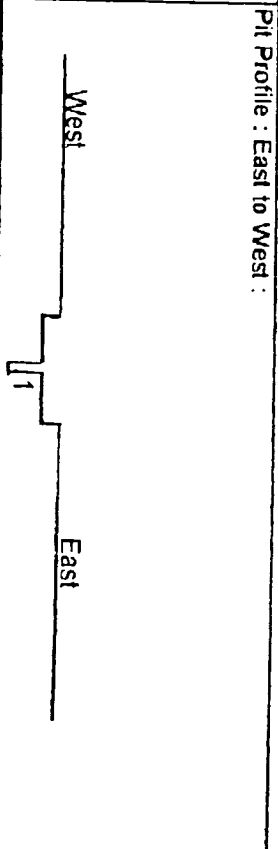
Pit Remediation and Closure Report

Date Remediation Started:	4/30/98	Date Completed	4/30/98
Remediation Method:	Excavation:	Approx. cubic yd: 0	
(Check all appropriate sections)	Landfarmed:	Insitu Bioremediation:	
	Other:	Pit bottom to 4 feet below surface is clean.	
Remediation Location:	On-site:	N/A	Off-site:
(I.e. landfarmed on site, name and location of off site location)			
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	Sample location: Center bottom @ 6 feet (4 ft below pit bottom).		
Closure Sampling:			
(If multiple samples, attach sample results and diagram of sample locations and depths.)	Sample depth:	6 feet	
	Sample date:	4/30/98	Sample time: 1100
Sample Results:			
<u>Soil:</u>		<u>Water:</u>	
Benzene (ppm)	ND	Benzene (ppb)	
Total BTEX (ppm)	0.06	Toluene (ppb)	
Field Headspace (ppm)	392	Ethylbenzene (ppb)	
TPH (ppm)	47	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:	7/6/98	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: <i>Kurt C. McDonald</i>		DATE: 7-16-98	

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Client Taurus Exploration U.S.A Inc.

Date Started : April 30, 1998 Date Completed : April 30, 1998

<p>Location: <u>Jicanilla P-3</u></p> <p>Quad: <u>L</u> Section: <u>27</u></p> <p>Range: <u>5W</u> Township: <u>24N</u></p> <p>Pit: <u>Blowdown</u></p> <p>Reference: <u>12' N30E</u></p> <p>Of wellhead</p> <p>Initial Size: <u>12x12x2' deep</u></p> <p>Final Size:</p> <p>Yds. Excavated:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Depth to Groundwater:</td> <td>>100'</td> </tr> <tr> <td>Nearest Water Source:</td> <td>>1000'</td> </tr> <tr> <td>Nearest Surface Water:</td> <td>>1000'</td> </tr> <tr> <td>NMOCD Ranking Score:</td> <td>0</td> </tr> <tr> <td>TPH Closure Standard:</td> <td>5000</td> </tr> </table> <p>Comments: <u>Sandy clay, moist, no HC odor or staining, took sample at 4' below pit bottom for TPH analysis.</u></p> <p style="text-align: center;">Recommend excavation</p>		Depth to Groundwater:	>100'	Nearest Water Source:	>1000'	Nearest Surface Water:	>1000'	NMOCD Ranking Score:	0	TPH Closure Standard:	5000	<p>Overview of Location and Sampling:</p>  <p style="text-align: center;">Road</p> <p style="text-align: center;">Wellhead</p> <p style="text-align: center;">Earthen Pit</p> <p style="text-align: center;">1</p> <p style="text-align: right;">North</p> <p style="text-align: right;">Gradient</p> <p style="text-align: right;">10'</p>
Depth to Groundwater:	>100'											
Nearest Water Source:	>1000'											
Nearest Surface Water:	>1000'											
NMOCD Ranking Score:	0											
TPH Closure Standard:	5000											
<p>Pit Profile: North to South:</p>  <p style="text-align: center;">North</p> <p style="text-align: center;">South</p> <p style="text-align: center;">10'</p>	<p>Pit Profile: East to West:</p>  <p style="text-align: center;">West</p> <p style="text-align: center;">East</p> <p style="text-align: center;">10'</p>											

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Environmental Specialist: BS

Cimarron Oilfield Services

Inter-Mountain Laboratories, Inc.

1701 Phillips Circle
Gillette, Wyoming 82718

Client: IML - Farmington

Project: Taurus Exploration

Sample ID: Jicarilla P-3 Blow Pit Btm @ 6'

Lab ID: 0298W02053

Matrix: Soil

Condition: Cool/Intact

Date Reported: 05/20/98

Date Sampled: 04/30/98

Date Received: 05/05/98

Date Extracted: 05/11/98

Date Analyzed: 05/13/98

Parameter	Analytical Result	PQL	Units
DRO ANALYSIS			
DRO (Modified 8015)	11	5	mg/Kg
Diesel Range Organics as Diesel	ND	5	mg/Kg
Total Extractable Hydrocarbons	20	5	mg/Kg
GRO ANALYSIS			
Gasoline Range Organics	36	5	mg/Kg
Gasoline Range Organics as Gasoline	36	5	mg/Kg
Total Volatile Hydrocarbons	37	5	mg/Kg

ND - Parameter not detected at stated Practical Quantitation Limit.

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

Reviewed By: *[Signature]*

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VOLATILE AROMATIC HYDROCARBONS

Taurus Exploration, Inc.

Project ID:	Jicarilla P-3	Report Date:	05/08/98
Sample ID:	Blow pit Btm @ 6'	Date Sampled:	04/30/98
Lab ID:	0398G02480	Time Sampled:	1100
Sample Matrix:	Soil	Date Received:	05/01/98
Condition:	Cool/Intact	Date Extracted:	05/04/98
		Date Analyzed:	05/06/98


Target Analyte	Concentration (ppb)	Detection Limit (ppb)
Benzene	ND	10.0
Toluene	12.5	10.0
Ethylbenzene	ND	10.0
m,p-Xylenes	28.4	10.0
o-Xylene	19.9	10.0

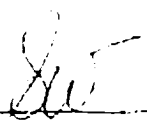
ND - Analyte not detected at the stated detection limit

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Bromofluorobenzene	124%	70%-130%

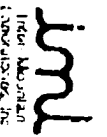
Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:


 Analyst


 Review

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Inter Mountain
Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Client/Project Name
Taurus Exploration Inc.

Project Location
Creighton P-3 Blm. @ 6'

ANALYSES / PARAMETERS

Sampler: (Signature)
Bill Blumhult

Chain of Custody Tape No.

Remarks

Sample No./
Identification

Date

Time

Lab Number

Matrix

No. of
Containers

*8020
BTEX*

*4015
GRO/PRO*

Blm. @ 6'

4-30-98

1100

Soil

1

COPY

*Initial, hand
delivered*

Relinquished by: (Signature)
Bill Blumhult

Date

Time

Received by: (Signature)
Chris Raymond

Date

Time

Relinquished by: (Signature)
Chris Raymond

Date

Time

Received by: (Signature)
Chris Raymond

Date

Time

Relinquished by: (Signature)

Date

Time

Received by Laboratory: (Signature)

Date

Time

Inter-Mountain Laboratories, Inc.

1633 Terra Avenue
Sheridan, Wyoming 82801

1701 Phillips Circle
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Farmington, NM 87401

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