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JUN 24 1999

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

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OIL CON. DIV.
DIST. 3

Pit Remediation and Closure Report

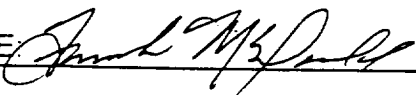
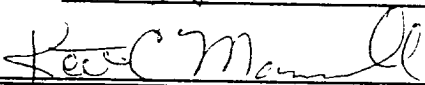
Approved

| | | | | | |
|--|--|-------------|--------------------------------|----------------------|-------------------|
| Operator: | Taurus Exploration U.S.A., Inc | | Telephone: | (505) 325-8800 | |
| Address: | 2198 Bloomfield Hwy, Farmington, NM 87401 | | | | |
| Facility or Well Name: | Jicarilla 119 N # 11 | | | | |
| Location: | Unit or Qtr/QTR | | Sec "D" | Sec 7, T 26 N, R 4 W | County Rio Arriba |
| Pit Type: | Separator: | Dehydrator: | Other: X - Abandoned Separator | | |
| 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: | 130 feet | | | | |
| Direction from reference: | 80 | 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 |

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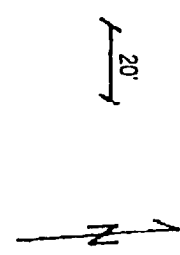
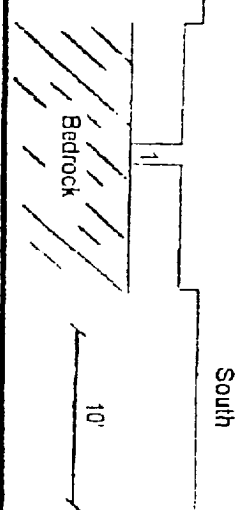
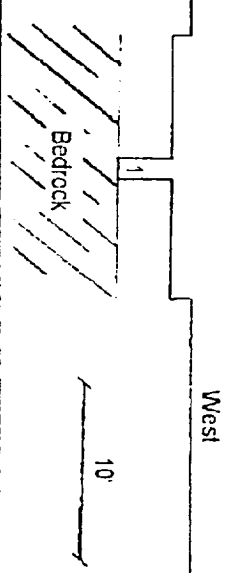
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Pit Remediation and Closure Report

| | | | |
|--|---|---|-------------------|
| 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: | |
| Remediation Location: | Other: | Pit bottom to 3 feet below surface (bedrock) is clear | |
| (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 3 feet below pit bottom was analyzed and within EPO Guidelines. Bedrock was encountered a 3 feet below pit bottom. | | | |
| Groundwater Encountered: | No: X | Yes: | Depth: |
| Final Pit | Sample location: Center bottom @ 4 feet (3 ft below pit bottom). | | |
| Closure Sampling: | Bedrock @ 4 feet. | | |
| (If multiple samples, attach sample results and diagram of sample locations and depths.) | Sample depth: | 4 feet | |
| | Sample date: | 4/30/98 | Sample time: 1110 |
| Sample Results: | | | |
| <u>Soil:</u> | | <u>Water:</u> | |
| Benzene (ppm) | | Benzene (ppb) | |
| Total BTEX (ppm) | | Toluene (ppb) | |
| Field Headspace (ppm) | 49 | Ethylbenzene (ppb) | |
| TPH (ppm) | 83 | 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:  | | DATE: 7-27-98 | |

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

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

| | | | |
|--|----------------|---|--|
| Location: Jicarilla 119 N # 11 | | Overview of Location and Sampling: | |
| Quad: D | Section: 7 |  | |
| Range: 4W | Township: 26 N | | |
| Pit: Abandoned Separator Pit Reference: 130° N 80° W from wellhead Initial Size: 15' x 15' x 1' Final Size: 15' x 15' x 1' Yds. Excavated: 0 cy | | | |
| Depth to Groundwater: >100' | | | |
| Nearest Water Source: >1000' | | | |
| Nearest Surface Water: >1000' | | | |
| NMOC Ranking Score: 0 | | | |
| TPH Closure Standard: 5000 | | | |
| Comments: 0' - 3' Below Pit Bottom: Soil is moist, brown, sandy/loam with no Hydrocarbon odor or staining. 3' Below Pit Bottom: Bedrock encountered. A sample from the center pit at 3' below pit bottom was taken to Intermountain Labs for TPH analysis. Excavation pending. | | | |
| Pit Profile: North to South: | | Pit Profile: East to West: | |
|  | |  | |

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Client: **Taurus Exploration**
Project: Jicarilla 119N #11
Sample ID: C. Bottom @ 4'
Laboratory ID: 0398G02481
Sample Matrix: Soil
Condition: Cool/Intact

Date Reported: 05/22/98
Date Sampled: 04/30/98
Time Sampled: 11:10am
Date Received: 05/01/98

| Parameter | Analytical Result | PQL | Units |
|-----------|----------------------|-----|-------|
|-----------|----------------------|-----|-------|

DRO ANALYSIS

| | | | |
|---------------------------------|----|---|-------|
| DRO (Modified 8015) | 65 | 5 | mg/Kg |
| Diesel Range Organics as Diesel | ND | 5 | mg/Kg |
| Total Extractable Hydrocarbons | 77 | 5 | mg/Kg |

GRO ANALYSIS

| | | | |
|-------------------------------------|----|---|-------|
| Gasoline Range Organics | 18 | 5 | mg/Kg |
| Gasoline Range Organics as Gasoline | 18 | 5 | mg/Kg |
| Total Volatile Hydrocarbons | 18 | 5 | mg/Kg |

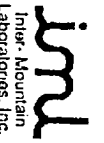
Reference: Method 8015, Nonhalogenated Organics, Test Methods for Evaluating Solid Waste, USEPA, SW-846.

Reported by



Reviewed by





CHAIN OF CUSTODY RECORD

| Client/Project Name | | | Project Location | | ANALYSES / PARAMETERS | |
|---|----------|-------|---------------------------|--------|--------------------------|---|
| Taurus Exploration (USA) Inc | | | Tigard, OR 97144 # 11 | | | |
| Sampler: (Signature) <i>David Allen</i> | | | Chain of Custody Tape No. | | Remarks | |
| Sample No./ Identification | Date | Time | Lab Number | Matrix | No. of Containers | |
| C B11241 | 11/30/98 | 11:10 | | Soil | 1 | Positive Encapsulated 2' below pit bottom. Local Preservation |
| <i>[Large diagonal line across the table]</i> | | | | | | |
| Relinquished by: (Signature) <i>Heidi CE</i> | | | Date | Time | Received by: (Signature) | Date |
| | | | 5/1/98 | 9:40 | | |
| Relinquished by: (Signature) | | | Date | Time | Received by: (Signature) | Date |
| | | | | | | |
| Relinquished by: (Signature) | | | Date | Time | Received by: (Signature) | Date |
| | | | | | <i>Chris Hayward</i> | 5-1-98 0944 |

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Inter-Mountain Laboratories, Inc.

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