

Donna L. Frost
DEPUTY OIL & GAS INSPECTOR

MAR 28 1997

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

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

Approved
PIT REMEDIATION AND CLOSURE REPORT



Operator: Burlington Resources **Telephone:** (505) 326-9700
Address: P.O. Box 4289, Farmington, NM 87499-4289
Facility or Well Name: Jicarilla 97 #3 DP # 29164B
Location: Unit or Qtr/Qtr Sec SE/NE Sec 8 T 26N R 3W County Bio Arriba
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: Jicarilla Apache

Pit Location: (Attach diagram) Pit dimensions: length 16', width 16', depth 4'
Reference: wellhead ☒, other ☐
Footage from reference: 70'
Direction from reference: 60° Degrees ☒ East of North ☒
West South ☐

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)
Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points)

Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)
Less than 100 feet (10 points)
Greater than 100 feet (0 points)

Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)
Less than 100 feet (10 points)
Greater than 100 feet (0 points)

Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources)
Yes (20 points)
No (0 points)

Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)
Less than 100 feet (20 points)
100 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points)

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OIL CON. DIV.
DIST. 3

RANKING SCORE (TOTAL POINTS): 40

Date Remediation Started: 11/A Date Completed: _____

Remediation Method: Excavation _____ Approx. cubic yards _____
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____

Other None required as per assessment results

Remediation Location: Onsite _____ Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: A sample was taken at 4' below the bottom surface of the earthen pit. Samples were taken using a hand auger.

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Center of pit, 4' below the bottom surface of the pit.

Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth 4 feet below the bottom surface of the pit.
Sample date 8-9-96 Sample time _____

Sample Results

Soil: Benzene	(ppm)	<u>ND</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>ND</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>264</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>41</u>	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 8-29-96 PRINTED NAME Craig A. Bock

SIGNATURE Craig A. Bock AND TITLE Environmental Representative

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: [Signature] DATE: 8/30/96

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Lab ID: 9608125-06B ✓
Sample ID: M6-29151B-1-D

Collected: 08/07/96 14:30:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	*	08/12/96	SBTXME126
Toluene	ND	mg/Kg	0.0010	*	08/12/96	SBTXME126
Ethylbenzene	ND	mg/Kg	0.0010	*	08/12/96	SBTXME126
P- <i>m</i> -Xylene	100	mg/Kg	0.0010	*	08/12/96	SBTXME126
O-Xylene	ND	mg/Kg	0.0010	*	08/12/96	SBTXME126

Lab ID: 9608125-07A ✓
Sample ID: M6-29164B-1-V

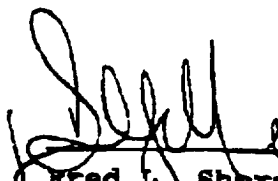
Collected: 08/07/96 15:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	41	mg/Kg	5.0	1.0	08/10/96	SLFTD77
HCs DSL XT/CAL DHS 8015M	08/09/96	N/A				

I ID: 9608125-07B ✓
Sample ID: M6-29164B-1-V

Collected: 08/07/96 15:15:00
Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	1000	08/12/96	SBTXME126
Toluene	ND	mg/Kg	0.0010	1000	08/12/96	SBTXME126
Ethylbenzene	ND	mg/Kg	0.0010	1000	08/12/96	SBTXME126
P- <i>m</i> -Xylene	ND	mg/Kg	0.0010	1000	08/12/96	SBTXME126
O-Xylene	ND	mg/Kg	0.0010	1000	08/12/96	SBTXME126


Fred L. Shore, Ph.D.
VP of Laboratory Operations