

*Deputy Oil & Gas Inspector*  
JICARILLA APACHE TRIBE  
ENVIRONMENTAL PROTECTION OFFICE  
P.O. BOX 507  
DULCE, NEW MEXICO 87528  
MAR 28 1997

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 183 #7  
Location: Unit or Qtr/Qtr Sec 50-11 Sec 28 T 23N R 3W County Rio Arriba - Sandoval  
Pit Type: Separator ☒ Dehydrator ☐ Other ☐  
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 12', width 11', depth 3'  
(Attach diagram) Reference: wellhead ☒, other ☐  
Footage from reference: 19'  
Direction from reference: 265° Degrees ☒ East ☒ 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)	<u>20</u>
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)	<u>      </u>
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)	<u>      </u>
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)	<u>0</u>
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)	<u>10</u>

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OIL CON. DIV.  
DIST. 3

RANKING SCORE (TOTAL POINTS): 30

Date Remediation Started: N/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:  
Closure Sampling:  
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location Center of pit, 3.5' below the bottom surface of the pit.  
Sandstone bedrock was encountered at 3.5 feet below the pit bottom.  
Sample depth 3.5' below the bottom surface of the pit.  
Sample date 7-16-96 Sample time \_\_\_\_\_

Sample Results

Soil: Benzene	(ppm)	<u>N/A</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>N/A</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>14</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>ND</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: 9608133-02B  
 Sample ID: M6-29233B-1-V ✓

Collected: 08/08/96 13:00:00  
 Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	25000	08/12/96	SBTXME126
Toluene	ND	mg/Kg	0.0010	25000	08/12/96	SBTXME126
Ethylbenzene	ND	mg/Kg	0.0010	25000	08/12/96	SBTXME126
P-&m-Xylene	ND	mg/Kg	0.0010	25000	08/12/96	SBTXME126
O-Xylene	ND	mg/Kg	0.0010	25000	08/12/96	SBTXME126

Lab ID: 9608133-03A  
 Sample ID: M6-52032A-2-V ✓

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

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	440	mg/Kg	5.0	10	08/13/96	SLFTD78
HCs DSL XT/CAL DHS 8015M	08/13/96	N/A				

Lab ID: 9608133-03B  
 Sample ID: M6-52032A-2-V ✓

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

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/SW846 8020A						
Benzene	ND	mg/Kg	0.0010	1250	08/12/96	SBTXME126
Toluene	ND	mg/Kg	0.0010	1250	08/12/96	SBTXME126
Ethylbenzene	1.5	mg/Kg	0.0010	1250	08/12/96	SBTXME126
P-&m-Xylene	7.4	mg/Kg	0.0010	1250	08/12/96	SBTXME126
O-Xylene	2.3	mg/Kg	0.0010	1250	08/12/96	SBTXME126

Lab ID: 9608133-04A  
 Sample ID: M6-44532A-2-V ✓

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

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	ND	mg/Kg	5.0	1.0	08/14/96	SLFTD78
HCs DSL XT/CAL DHS 8015M	08/13/96	N/A				

Lab ID: 9608133-05A  
 Sample ID: M6-44534A-2-V ✓

Collected: 08/08/96 15:45:00  
 Matrix: SOIL

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
HCs DIESEL/CAL DHS 8015M						
Diesel	ND	mg/Kg	5.0	1.0	08/14/96	SLFTD78
HCs DSL XT/CAL DHS 8015M	08/13/96	N/A				