Mallon Oil Company

a Mallon Resources Subsidiary

Denver/Colorado ♦ Durango/Colorado ♦ Carlsbad/New Mexico

June 29, 2000

Mr. Frank Chavez
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410
Fax: (505) 334-6170

05-30N-03W

Re: Jicarilla 458-5 No. 5

Dear Mr. Chavez:

We were instructed to notify the Aztec District Office upon implementation of the commingling process. The Pictured Cliffs, Ojo Alamo, Nacimiento and San Jose formations are being commingled down hole on the above referenced well. The date of first production was June 23, 2000.

Should you have any questions regarding this matter, please contact me at (970) 382-9100.

Sincerely,

John Zellitti

John Zellitti
District Petroleum Engineer

JZ/gd

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-23-BTEX QA/QC	Date Reported:	08-24-99
Laboratory Number:	F946	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-23-99
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	3.6219E-001	3.6306E-001	0.2%	ND	0.2
Toluene	2.7867E-002	2.7917E-002	0.2%	ND	0.2
Ethylbenzene	4.1931E-002	4.2019E-002	0.2%	ND	0.2
p,m-Xylene	3.6569E-002	3.6661E-002	0.3%	ND	0.2
o-Xylene	3.1955E-002	3.2010E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	2,550	2,510	1.6%	0 - 30%	8.8
Toluene	1,780	1,740	2.2%	0 - 30%	8.4
Ethylbenzene	10,190	10,000	1.9%	0 - 30%	7.6
p,m-Xylene	15,160	14,900	1.7%	0 - 30%	10.8
o-Xylene	15,760	15,580	1.1%	0 - 30%	5.2

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2,550	50.0	2,590	100%	39 - 150
Toluene	1,780	50.0	1,830	100%	46 - 148
Ethylbenzene	10,190	50.0	10,220	100%	32 - 160
p,m-Xylene	15,160	100.0	15,230	100%	46 - 148
o-Xylene	15,760	50.0	15,780	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for samples F946, F948 - F955 and F963.**

Analyst

Review

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