



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

November 24, 1982

Mr. Brent Roberson
Amoco Production Company
501 Airport Drive
Farmington NM 87401

Re: Commingled Allocation R-6481

Dear Mr. Roberson:

As per the referenced order your recommended allocations
are hereby accepted for the below-listed wells, as shown:

	<u>Fruitland</u>	<u>Pictured Cliffs</u>
A. L. Elliott B #8 G-10-29N-9W	63%	37%
A. L. Elliott D #7 K-11-29N-9W	62%	38%
A. L. Elliott E #1 D-14-29N-9W	72%	28%

If you have any questions please call this office.

Yours truly,

Frank T. Chavez
District Supervisor

FTC:gc

cc: Santa Fe
El Paso Natural Gas
Minerals Management Service, Farmington



R. W. Schroeder
District Superintendent

Amoco Production Company

Petroleum Center Building
501 Airport Drive
Farmington, New Mexico 87401
505-325-8841

October 21, 1982

Mr. Joe D. Ramey
Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

File: DDL-129-986.511



Dear Mr. Ramey:

Downhole Commingle Gas Production from Fruitland and Pictured Cliffs Formations

Pursuant to Division Order No. R-6481, gas production from the Fruitland and Pictured Cliffs Formations was commingled and assigned gas allocations on the following wells:

	<u>Fruitland</u>	<u>Pictured Cliffs</u>
A. L. Elliott "B" No. 8 NE/4, Section 10, T29N, R9W	63%	37%
A. L. Elliott "D" No. 7 SW/4, Section 11, T29N, R9W	62%	38%
A. L. Elliott "E" No. 1 NW/4, Section 14, T29N, R9W	72%	28%

The following procedure is used in calculating percentages on the above wells:

Avg. production before commingling for 5 months -
Avg. production after commingling for 2 months

= % of Fruitland

Very truly yours,

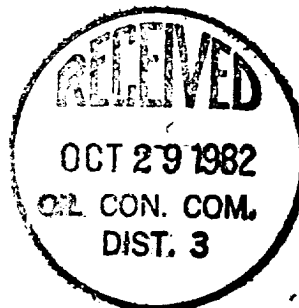
Original Signed By
R. W. SCHROEDER
Brent Robinson
BTR/mp

cc: Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410



Amoco Production Company
501 Airport Drive
Farmington, New Mexico 87401

October 27, 1982



Mr. Joe D. Ramey
Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

File: DDL-139-986.511

Dear Mr. Ramey:

Downhole Commingle Gas Production from
Fruitland and Pictured Cliffs Formations

Reference our letter dated October 21, 1982, File: DDL-129-986.511,
the following production figures were used in calculating gas
allocations on the following wells:

A. L. Elliott "B" No. 8
NE/4, Section 10, T29N, R9W

This well was a dual before commingling, so production figures before
commingling are:

	<u>P/C</u>	<u>Fruitland</u>	<u>% P/C</u>
March 1981	88 MCF	140 MCF	39%
April 1981	67 MCF	119 MCF	36%
May 1981	81 MCF	136 MCF	37%
June 1981	61 MCF	116 MCF	35%

Average % is 37% P/C; 63% Fruitland.

Joe D. Ramey
 Page 2
 October 27, 1982
 File: DDL-139-986.511

A. L. Elliott "D" No. 7
SW/4, Section 11, T29N, R9W

	<u>P/C</u>	<u>P/C & Fruitland</u>
September 1981	37 MCF	October 1981 - 153 MCF
August 1981	45 MCF	November 1981 - 97 MCF
July 1981	46 MCF	
June 1981	51 MCF	
May 1981	54 MCF	

Average P/C = 47 MCF

125 - 47 = 78 Fruitland

Average P/C and Fruitland = 125 MCF

$$\frac{78}{125} = 62\% \text{ Fruitland}$$

$$\frac{47}{125} = 38\% \text{ P/C}$$

A. L. Elliott "E" No. 1
NW/4, Section 14, T29N, R9W

	<u>P/C</u>	<u>Days</u>
January 1981	1762 MCF	31
February 1981	1565 MCF	28
March 1981	1891 MCF	31
April 1981	1662 MCF	30
May 1981	1523 MCF	31
June 1981	1464 MCF	30
July 1981	1393 MCF	31
August 1981	1483 MCF	31
September 1981	<u>1126 MCF</u>	<u>30</u>
	13,869 MCF	273

13,869 ÷ 273 = 50.8 MCFD for Pictured Cliffs

Joe D. Ramey
Page 3
October 27, 1982
File: DDL-139-986.511

Conducted a deliverability test after commingling for 43.4 days. It produced 7726 MCF gas and averaged 178 MCFD for Fruitland and Pictured Cliffs formations.

$178 \text{ MCFD} - 50.8 \text{ MCFD} = 127.2 \text{ MCFD}$ for Fruitland.

$127.2 \div 178 = 72\% = \text{Fruitland}$

$50.8 \div 178 = 28\% = \text{P/C}$

Very truly yours,

S. D. Blossom
District Superintendent

BTR/mp

cc: / Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410