



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6170  
[http://emnr.state.nm.us/ocd/District II/3district.htm](http://emnr.state.nm.us/ocd/District%20II/3district.htm)

GARY E. JOHNSON  
Governor

Jennifer A. Salisbury  
Cabinet Secretary

March 8, 1999

Kay Maddox  
Conoco Inc  
10 Desta Dr Ste 100W  
Midland TX 79705-4500

Re: San Juan 28 7 Unit #111M, D-20-27N-07W, API# 30-039-25885, DHC

Dear Ms. Maddox:

Your recommended allocation of commingled production for the referenced well is hereby accepted as follows:

	Gas	Oil
Blanco Mesaverde	41%	100%
Basin Dakota	59%	0%

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

EB/mk

cc: Duane Spencer-BLM Farmington  
David Catanach-NMOCD Santa Fe  
well file

287111M.dhc



Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

December 16, 1998

Mr. Frank Chavez  
Oil Conservation Division  
1000 Rio Brazos Rd  
Aztec, New Mexico 87410

RE: Allocation For Downhole Commingling  
Blanco Mesaverde (72319) Basin Dakota (71599)  
San Juan 28-7 Unit Well # 111M  
API # 30-039-25885  
Unit D, Section 20, T-27-N, R-7-W  
Rio Arriba County, NM

RECEIVED  
DEC 18 1998  
OIL CON. DIV.  
DIST. 2

Dear Mr. Chavez,

The subject well was approved for downhole commingling by Administrative Order # DHC 2037 prior to being completed. This order provided for the allocation to be submitted and approved by the District supervisor of the Aztec office.

Extensive historical data and modeling of early time profiles from these two pools have shown that once a stabilized flow rate had been established in both of them, they exhibit essentially identical decline patterns and rates. Therefore, it is valid and prudently accurate to establish commingling allocation percentages in early time stabilized rates in newly drilled wells where both the Mesaverde and Dakota are sequentially completed and to expect these percentages to be reasonably accurate for the life of the well.

The well was initially completed and fracture stimulated in the Mesaverde and Dakota. Subject well was cleaned out and tested the Mesaverde on December 12, 1998, and the Dakota, December 13, 1998. The Mesaverde and Dakota 12-hour tests resulted in the following submitted data.

The stabilized gas and associated oil rates and the resulting percentage allocations for both completions are shown below:

	OIL RATE BOPD	STABILIZED GAS RATES	STABILIZED WATER	OIL	GAS	WATER
MV	6	297 MCFD	10 BWPD	100%	41%	83%
DK	0	429 MCFD	2 BWPD	0%	59 %	17%

If there are any further questions regarding this request, please contact me at (915) 686-5798. Thank you.

Sincerely,

Kay Maddox – Regulatory Agent, Conoco, Inc.  
cc: BLM-Farmington