NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178 Fax (505)334-6170

GARY E. JOHNSON
GOVERNOR

JENNIFER A. SALISBURY
CABINET SECRETARY

April 18, 1997

Ms Peggy Bradfield
Burlington Resources O&G Co
PO Box 4289
Farmington NM 87499

Re: Culpepper Martin SRC #3, API# 30-045-12205, N-33-32N-12W, DHC

Dear Ms. Bradfield:

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

	Gas	Oil
Blanco Mesaverde	79%	88%
Basin Dakota	21%	12%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/sh

cc: well file

321233#3

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 21, 1997

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Re: Culpepper Martin SRC #3
       990'FSL, 1650'FWL Section 33, T-32-N, R-12-W, San Juan County, NM
       API #30-045-12205

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1382 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	79% gas	88% oil
Dakota -	21% gas	12% oil

These percentages are based on past historical production.

Please let me know if you have any questions.

Sincerely,

Peggy Bradfield
Regulatory/Compliance Administrator

xc: Bureau of Land Management

3535 East 30th St., 87402-8891, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

PRODUCTION ALLOCATION FORMULA METHOD

Culpepper Martin SRC #3
(Mesaverde/Dakota) Commingle
Unit N, SW/4, 33-T32N-R12W
San Juan County, New Mexico
DHC Order # 1382

Production Rates

Gas Production from Mesaverde formation = 70 MCFD

Gas Production from Dakota formation = 19 MCFD

Oil Production from Mesaverde formation = .19 BOPD

Oil Production from Dakota formation = 1.37 BOPD

Allocation for Gas Production:

$$\frac{[(MV\ \&\ DK)\ 89\ MCFD - (MV)\ 70\ MCFD]}{(MV\ \&\ DK)\ 89\ MCFD} = (DK)\ \%\quad \textbf{Dakota 21\%}$$

$$\frac{[(MV\ \&\ DK)\ 89\ MCFD - (DK)\ 19\ MCFD]}{(MV\ \&\ DK)\ 89\ MCFD} = (MV)\ \%\quad \textbf{Mesaverde 79\%}$$

Allocation for Oil Production:

$$\frac{[(MV\ \&\ DK)\ 1.56\ BOPD - (MV)\ 1.37\ BOPD]}{(MV\ \&\ DK)\ 1.56\ BOPD} = (DK)\% = \textbf{Dakota \ 12\%}$$

$$\frac{[(MV\ \&\ DK)\ 1.56\ BOPD - (DK)\ .19\ BOPD]}{(MV\ \&\ DK)\ 1.56\ BOPD} = (MV)\% = \textbf{Mesaverde 88\%}$$