



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
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GARY E. JOHNSON
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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 #1E, API# 30-045-25114, P-31-32N-12W, DHC

Dear Ms. Bradfield:

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

	Gas	Oil
Blanco Mesaverde	45%	27%
Basin Dakota	55%	73%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/sh

cc: well file

32123115

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 21, 1997

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

Re: Culpepper Martin #1E ^p
1110'FSL, 830'FEL Section 31, T-32-N, R-12-W, San Juan County, NM
API #30-045-25114

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 -	45% gas	27% oil
Dakota -	55% gas	73% oil

These percentages are based on past historical production.

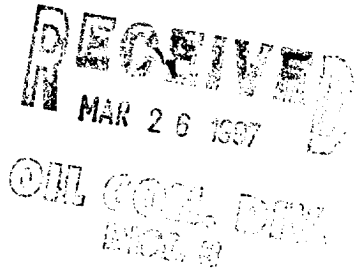
Please let me know if you have any questions.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

xc: Bureau of Land Management



PRODUCTION ALLOCATION FORMULA METHOD

Culpepper Martin #1E
(Mesaverde/Dakota) Commingle
Unit P, 31-T32N-R12W
San Juan County, New Mexico

DHC Order # 1382

Production Rates

Gas Production from Mesaverde formation = 45 MCFD

Gas Production from Dakota formation = 55 MCFD

Oil Production from Mesaverde formation = .60 BOPD

Oil Production from Dakota formation = 1.61 BOPD

Allocation for Gas Production:

$$\frac{[(MV \& DK) 100 \text{ MCFD} - (MV) 45 \text{ MCFD}]}{(MV \& DK) 100 \text{ MCFD}} = (DK) \% \quad \textbf{Dakota 55\%}$$

$$\frac{[(MV \& DK) 100 \text{ MCFD} - (DK) 55 \text{ MCFD}]}{(MV \& DK) 100 \text{ MCFD}} = (MV) \% \quad \textbf{Mesaverde 45\%}$$

Allocation for Oil Production:

$$\frac{[(MV \& DK) 2.21 \text{ BOPD} - (MV) .60 \text{ BOPD}]}{(MV \& DK) 2.21 \text{ BOPD}} = (DK)\% = \textbf{Dakota 73\%}$$

$$\frac{[(MV \& DK) 2.21 \text{ BOPD} - (DK) 1.61 \text{ BOPD}]}{(MV \& DK) 2.21 \text{ BOPD}} = (MV)\% = \textbf{Mesaverde 27\%}$$