

BURLINGTON RESOURCES

September 1, 1999

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

Re: Culpepper Martin #16
C Section 4, T-31-N, R-12-W
30-045-11821

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2109 was issued for this well.

Gas:	Mesa Verde	74%
	Dakota	26%
Oil:	Mesa Verde	50%
	Dakota	50%

These allocations are based on six months production from the Mesa Verde and Dakota. Please let me know if you have any questions.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

Xc: NMOCD – Santa Fe
Bureau of Land Management – Farmington

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

Culpepper Martin #16
(Mesaverde/Dakota) Commingle
Unit C, 04-T31N-R12W
San Juan County, New Mexico

Allocation Formula Method:

1998 Six Month Dakota Average = 50 MCFD & 0 BO

1999 Six Month Commingled Average = 140 MCFD & 0 BO

1999 Commingled Production - 1998 Dakota Average = Mesaverde Contribution

GAS:

$$\frac{(DK) 50 \text{ MCFD}}{(MV \& DK) 190 \text{ MCFD}} = (DK) \% \text{ Dakota 26\%}$$

$$\frac{(MV \& DK) 190 \text{ MCFD (100\%)} - (DK) 50 \text{ MCFD (26\%)}}{=} = (MV) \% \text{ Mesaverde 74\%}$$

OIL:

$$\frac{(DK) 0 \text{ BOPD}}{(MV \& DK) 0 \text{ BOPD}} = (DK) \% \text{ Dakota 50\%}$$

$$\frac{(MV \& DK) 0 \text{ BOPD (100\%)} - (DK) 0 \text{ BOPD (50\%)}}{=} = (MV) \% \text{ Mesaverde 50\%}$$