

# BURLINGTON RESOURCES

December 10, 1999

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

Re: San Juan 27-4 Unit #46M  
E Section 31, T-27-N, R-4-W  
30-039-26041

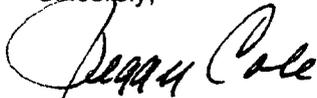
Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2224 was issued for this well.

Gas:	Mesa Verde	25%
	Dakota	75%
Oil:	Mesa Verde	0%
	Dakota	100%

These allocations are based on isolated flow tests from the Mesa Verde and Dakota during completion operations. Please let me know if you have any questions.

Sincerely,



Peggy Bradfield Cole  
Regulatory/Compliance Administrator

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

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 27-4 Unit #46M  
(Mesaverde/Dakota) Commingle  
Unit E, 31-T27N-R4W  
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 511 MCFD & 0 BO

3 Hour Flow Test from Dakota = 1,533 MCFD & 5.0 BO

GAS:

$$\frac{(MV) 511 \text{ MCFD}}{(MV \& DK) 2,044 \text{ MCFD}} = (MV) \% \text{ Mesaverde 25%}$$

$$\frac{(DK) 1,533 \text{ MCFD}}{(MV \& DK) 2,044 \text{ MCFD}} = (DK) \% \text{ Dakota 75%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV \& DK) 5.0 \text{ BO}} = (MV) \% \text{ Mesaverde 0%}$$

$$\frac{(DK) 5.0 \text{ BO}}{(MV \& DK) 5.0 \text{ BO}} = (DK) \% \text{ Dakota 100%}$$