

# BURLINGTON RESOURCES

April 12, 1999

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

Re: Allison Unit #17M  
2400'FNL, 810'FWL, Section 24, T-32-N, R-7-W  
30-045-29689

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2007 was issued for this well.

Gas:	Mesa Verde	90%
	Dakota	10%

Oil:	Mesa Verde	50%
	Dakota	50%

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  
Regulatory/Compliance Administrator

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

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

Allison Unit #17M  
(Mesaverde/Dakota) Commingle  
Unit E, 24-T32N-R07W  
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 582 MCFD & 0 BO

3 Hour Flow Test from Dakota = 67 MCFD & 0 BO

GAS:

$$\frac{(MV) 582 \text{ MCFD}}{(MV \& DK) 649 \text{ MCFD}} = (MV) \% \text{ Mesaverde 90\%}$$

$$\frac{(DK) 67 \text{ MCFD}}{(MV \& DK) 649 \text{ MCFD}} = (DK) \% \text{ Dakota 10\%}$$

OIL:

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

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