

# BURLINGTON RESOURCES

November 10, 2000

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

Re: Grenier #12M  
H Section 13, T-31-N, R-12-W  
30-045-30117

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2593 was issued for this well.

Gas: Mesa Verde 78%  
Dakota 22%

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 Cole*  
Peggy Cole  
Regulatory Supervisor

Xc: NMOCD – Santa Fe  
Bureau of Land Management

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

Grenier 12M  
(Mesaverde/Dakota) Commingle  
Unit H, 13-T31N-R12W  
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 947 MCFD & 0 BO

3 Hour Flow Test from Dakota = 260 MCFD & 0 BO

GAS:

$$\frac{(MV) 947 \text{ MCFD}}{(MV/DK) 1207 \text{ MCFD}} = (MV) \% \text{ Mesaverde } 78\%$$

$$\frac{(DK) 260 \text{ MCFD}}{(MV/DK) 1207 \text{ MCFD}} = (DK) \% \text{ Dakota } 22\%$$

OIL:

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

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