

# **BURLINGTON RESOURCES**

February 15, 1999

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

Re: Allison Unit #47  
600'FSL, 790'FWL Section 8, T-32-N, R-6-W  
30-045-29526

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2005 was issued for this well.

Gas: Mesa Verde 92%  
Dakota 8%

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 #47  
(Mesaverde/Dakota)Commingle  
Unit M, 08-T32N-R06W  
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 2024 MCFD & 0 BO

3 Hour Flow Test from Dakota = 168 MCFD & 0 BO

GAS:

$$\frac{(MV) 2,024 \text{ MCFD}}{(MV \& DK) 2,192 \text{ MCFD}} = (MV) \% \text{ Mesaverde 92\%}$$

$$\frac{(DK) 168 \text{ MCFD}}{(MV \& DK) 2,192 \text{ MCFD}} = (DK) \% \text{ Dakota 8\%}$$

OIL:

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

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