

# BURLINGTON RESOURCES

February 15, 1999

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

Re: San Juan 28-5 Unit #78M  
285'FNL, 2050'FWL Section 25, T-28-N, R-5-W  
30-039-25969

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. /DHC-2021 was issued for this well.

|      |            |     |
|------|------------|-----|
| Gas: | Mesa Verde | 54% |
|      | Dakota     | 46% |
| 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

San Juan 28-5 Unit #78M  
(Mesaverde/Dakota)Commingle  
Unit F, 25-T28N-R05W  
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 485 MCFD & 0 BO

3 Hour Flow Test from Dakota = 405 MCFD & 0 BO

GAS:

$$\frac{(MV) 485 \text{ MCFD}}{(MV \& DK) 890 \text{ MCFD}} = (MV) \% \text{ Mesaverde 54\%}$$

$$\frac{(DK) 405 \text{ MCFD}}{(MV \& DK) 890 \text{ MCFD}} = (DK) \% \text{ Dakota 46\%}$$

OIL:

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

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