

# **BURLINGTON RESOURCES**

July 12, 1999

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

Re: San Juan 27-4 Unit #59M  
I Section 4, T-27-N, R-4-W  
30-039-25962

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. ~~DHC-2060~~ was issued for this well.

Gas:	Mesa Verde	92%
	Dakota	8%
Oil:	Mesa Verde	100%
	Dakota	0%

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 27-4 Unit #59M  
(Mesaverde/Dakota) Commingle  
Unit I, 4-T27N-R04W  
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,754 MCFD & 0.125 BO

3 Hour Flow Test from Dakota = 143 MCFD & 0 BO

GAS:

$$\frac{(MV) 1,754 \text{ MCFD}}{(MV \& DK) 1,897 \text{ MCFD}} = (MV) \% \text{ Mesaverde 92\%}$$

$$\frac{(DK) 143 \text{ MCFD}}{(MV \& DK) 1,897 \text{ MCFD}} = (DK) \% \text{ Dakota 8\%}$$

OIL:

$$\frac{(MV) 0.125 \text{ BO}}{(MV \& DK) 0.125 \text{ BO}} = (MV) \% \text{ Mesaverde 100\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV \& DK) 0.125 \text{ BO}} = (DK) \% \text{ Dakota 0\%}$$