

# BURLINGTON RESOURCES

February 19, 2002

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

Re: San Juan 27-5 Unit #170M  
P Section 34, T-27-N, R-5-W  
30-039-26295

## REVISED

Gentlemen:

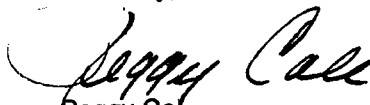
Attached is a copy of the allocation for the commingling of the subject well completed 8-19-00.  
DHC-2581 was issued for this well.

Gas:	Mesaverde	59%
	Dakota	41%

Oil:	Mesaverde	59%
	Dakota	41%

These allocations are based on individual flow tests during completion of the Mesaverde and the Dakota. Oil was not present during flow test operations. For that reason, oil percentages are based upon gas allocation and are provided in the event this wellbore begins producing oil at some point in the future. Please let me know if you have any questions.

Sincerely,

  
Peggy Cole  
Regulatory Supervisor

Xc: NMOCD – Santa Fe  
Bureau of Land Management

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 27-5 #170M  
(Mesaverde/Dakota) Commingle  
Unit P, 34-T27N-R5W  
Rio Arriba County, New Mexico

**REVISED**

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 578 MCFD & 0 BO

3 Hour Flow Test from Dakota = 399 MCFD & 0 BO

GAS:

$$\frac{(MV) 578 \text{ MCFD}}{(MV/DK) 977 \text{ MCFD}} = (MV) \% \text{ Mesaverde 59\%}$$

$$\frac{(DK) 399 \text{ MCFD}}{(MV/DK) 977 \text{ MCFD}} = (DK) \% \text{ Dakota 41\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/DK) 0 \text{ BO}} = (MV) \% \text{ Mesaverde 59\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV/DK) 0 \text{ BO}} = (DK) \% \text{ Dakota 41\%}$$