

# *BURLINGTON RESOURCES*

April 4, 2002

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

Re: San Juan 27-5 Unit #40  
L Section 16, T-27-N, R-5-W  
30-039-20228

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well after the recompletion that was completed 3-28-02. DHC-2302 was issued for this well.

Gas:	Mesaverde	37%
	Dakota	63%
Oil:	Mesaverde	37%
	Dakota	63%

These percentages are based upon isolated flow tests from the Mesaverde and Dakota during recompletion operations. Oil was not present during flow test operations. For that reason, oil percentages are based upon gas allocations 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 WELL TEST INFORMATION

San Juan 27-5 Unit 40  
(Mesaverde/Dakota) Commingle  
Unit L, 16-T27N-R5W  
Rio Arriba County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 345 MCFD & 0 BO

Separator test from Dakota = 596 MCFD & 0 BO

GAS:

$$\frac{(MV) 345 \text{ MCFD}}{(MV/ DK) 941 \text{ MCFD}} = (MV) \% \text{ Mesaverde 37%}$$

$$\frac{(DK) 596 \text{ MCFD}}{(MV/ DK) 941 \text{ MCFD}} = (DK) \% \text{ Dakota 63%}$$

OIL:

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

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