

# **BURLINGTON**

## **RESOURCES**

May 6, 2003

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

Re: San Juan 28-6 Unit #164M  
C Section 34, T-28-N, R-6-W  
30-039-25732



Gentlemen:

Attached is a copy of the allocation for the subject well that was completed 12-1-97. DHC-1727 was issued for this well.

Gas:	Mesaverde	79%
	Dakota	21%

Oil:	Mesaverde	50%
	Dakota	50%

These percentages were calculated using rate-time reserve estimate comparisons for each respective formation. Oil was not present during flow test operations. For that reason, oil percentages are allocated evenly 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 28-6 Unit #164M  
(Mesaverde/Dakota) Commingle  
Unit C, 34-T28N-R06W  
Rio Arriba County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 1520 MCFD & 0 BO

Separator test from Dakota = 402 MCFD & 0 BO

GAS:

$$\frac{(MV) 1520 \text{ MCFD}}{(MV/ DK) 1922 \text{ MCFD}} = (MV) \% \text{ Mesaverde 79\%}$$

$$\frac{(DK) 402 \text{ MCFD}}{(MV/ DK) 1922 \text{ MCFD}} = (DK) \% \text{ Dakota 21\%}$$

OIL:

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

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