

274#5m. dte

**BURLINGTON  
RESOURCES**

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SAN JUAN DIVISION

November 7, 1998

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

Re: San Juan 27-4 Unit #5M  
1470'FSL, 840'FEL, Section 7, T-27-N, R-4-W, Rio Arriba  
30-039-25966

Gentlemen:

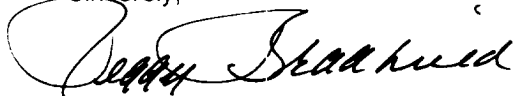
The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-2055 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	49 % gas	0% oil
Dakota -	51 % gas	100 % oil

These percentages are based on isolated flow tests from the Mesa Verde and Dakota during completion operations.

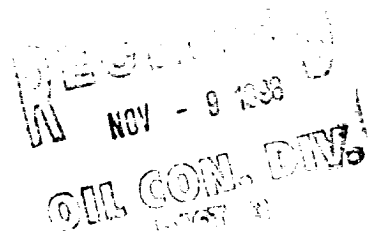
Please let me know if you have any questions.

Sincerely,



Peggy Bradfield  
Regulatory/Compliance Administrator

xc: Bureau of Land Management  
NMOCD - Santa Fe



PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 27-4 Unit #5M  
(Mesaverde/Dakota)Commingle  
Unit I, 04-T27N-R04W  
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,285 MCFD & 0 BO

3 Hour Flow Test from Dakota = 1,343 MCFD & 1 BO

GAS:

$$\frac{(MV) 1,285 \text{ MCFD}}{(MV \& DK) 2,628 \text{ MCFD}} = (MV) \% \text{ Mesaverde } 49\%$$

$$\frac{(DK) 1,343 \text{ MCFD}}{(MV \& DK) 2,628 \text{ MCFD}} = (DK) \% \text{ Dakota } 51\%$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV \& DK) 1 \text{ BO}} = (MV) \% \text{ Mesaverde } 0\%$$

$$\frac{(DK) 1 \text{ BO}}{(MV \& DK) 1 \text{ BO}} = (DK) \% \text{ Dakota } 100\%$$