

# BURLINGTON RESOURCES

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SAN JUAN DIVISION

July 17, 1997

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

Re: San Juan 28-5 Unit #66M  
1650'FSL, 790'FEL Section 29, T-28-N, R-5-W, Rio Arriba County, NM  
API #30-039-25681

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1581 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	86 % gas	50 % oil
Dakota -	14 % gas	50 % 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 28-5 Unit #66M  
(Mesaverde/Dakota)Commingle  
Unit I, 29-T28N-R05W  
Rio Arriba County, New Mexico**

**Allocation Formula Method:**

**3 Hour Flow Test from Mesaverde = 1375 MCFD & 0 BO**

**3 Hour Flow Test from Dakota = 224 MCFD & 0 BO**

**GAS:**

$$\frac{(MV) 1375 \text{ MCFD}}{(MV \& DK) 1599 \text{ MCFD}} = (MV) \% \text{ Mesaverde 86\%}$$

$$\frac{(DK) 224 \text{ MCFD}}{(MV \& DK) 1599 \text{ MCFD}} = (DK) \% \text{ Dakota 14\%}$$

**OIL:**

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

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