

# BURLINGTON RESOURCES

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SAN JUAN DIVISION

September 29, 1997

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

Re: San Juan 28-6 Unit #113M  
1190'FNL, 1730'FWL Section 26, T-28-N, R-6-W, Rio Arriba County, NM  
API #30-039-25653

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1521 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	61 % gas	44 % oil
Dakota -	39 % gas	56 % 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 28-6 Unit #113M  
(Mesaverde/Dakota)Commingle  
Unit C, 26-T28N-R06W  
Rio Arriba County, New Mexico**

**Allocation Formula Method:**

**1997 Mesaverde Production Average = 650 MCFD & 0.5 BO**

**1997 Commingled Production Average = 1065 MCFD & 0.9 BO**

**1997 Commingled Production - Mesaverde Production = Dakota Contribution**

**GAS:**

$$\frac{(MV) 650 \text{ MCFD}}{(MV \& DK) 1065 \text{ MCFD}} = (MV) \% \text{ Mesaverde 61\%}$$

$$\frac{(MV \& DK) 1065 \text{ MCFD (100\%)} - (MV) 650 \text{ MCFD (61\%)}}{=} = (DK) \% \text{ Dakota 39\%}$$

**OIL:**

$$\frac{(MV) 0.4 \text{ BOPD}}{(MV \& DK) 0.9 \text{ BOPD}} = (MV) \% \text{ Mesaverde 44\%}$$

$$\frac{(MV \& DK) 0.9 \text{ BOPD (100\%)} - (MV) 0.4 \text{ BOPD (44\%)}}{=} = (DK) \% \text{ Dakota 56\%}$$