

# BURLINGTON RESOURCES

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SAN JUAN DIVISION

April 17, 1998

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

Re: San Juan 28-6 Unit #158M  
1180' FNL, 1450' FWL, Section 11, T-27-N, R-6-W  
30-039-25778

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1814 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	74 % gas	0% oil
Dakota -	26 % 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 28-6 Unit #158M  
(Mesaverde/Dakota)Commingle  
Unit C, 11-T27N-R06W  
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 797 MCFD & 0 BO

3 Hour Flow Test from Dakota = 275 MCFD & 0 BO

GAS:

$$\frac{(MV) 797 \text{ MCFD}}{(MV \& DK) 1072 \text{ MCFD}} = (MV) \% \text{ Mesaverde 74\%}$$

$$\frac{(DK) 275 \text{ MCFD}}{(MV \& DK) 1072 \text{ MCFD}} = (DK) \% \text{ Dakota 26\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV \& DK) 0.10 \text{ BO}} = (MV) \% \text{ Mesaverde 0\%}$$

$$\frac{(DK) 0.10 \text{ BO}}{(MV \& DK) 0.10 \text{ BO}} = (DK) \% \text{ Dakota 100\%}$$