

BURLINGTON RESOURCES

SAN JUAN DIVISION

September 30, 1997

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

Re: San Juan 27-5 Unit #96
1750'FNL, 1480'FWL Section 15, T-27-N, R-05-W, Rio Arriba County, NM
API #30-039-60123

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1516 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	65 % gas	57 % oil
Dakota -	35 % gas	43 % oil

These percentages are based upon pre-recompletion rates for the Dakota only and post completion rates for the Mesa Verde and Dakota commingled.

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 27-5 Unit #96
(Mesaverde/Dakota)Commingle
Unit F, 15-T27N-R05W
Rio Arriba County, New Mexico**

Allocation Formula Method:

1996 Dakota Average = 212 MCFD & 1.6 BO

1997 Commingled Production = 605 MCFD & 3.7 BO

1997 Commingled Production - 1996 Dakota Average = Mesaverde Contribution

GAS:

$$\frac{(DK) 212 \text{ MCFD}}{(MV \& DK) 605 \text{ MCFD}} = (DK) \% \text{ Dakota 35\%}$$

$$\frac{(MV \& DK) 605 \text{ MCFD (100\%)} - (DK) 212 \text{ MCFD (35\%)}}{= (MV) \% \text{ Mesaverde 65\%}}$$

OIL:

$$\frac{(DK) 1.6 \text{ BOPD}}{(MV \& DK) 3.7 \text{ BOPD}} = (DK) \% \text{ Dakota 43\%}$$

$$\frac{(MV \& DK) 3.7 \text{ BOPD (100\%)} - (DK) 1.6 \text{ BOPD (43\%)}}{= (MV) \% \text{ Mesaverde 57\%}}$$