

***BURLINGTON
RESOURCES***

SAN JUAN DIVISION

November 7, 1998

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

Re: San Juan 27-4 Unit #102M
840'FNL, 1110'FWL, Section 33, T-27-N, R-4-W, Rio Arriba
30-039-25961

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-2057 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	83 % gas	50% oil
Dakota -	17 % 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 27-4 Unit #102M
(Mesaverde/Dakota)Commingle
Unit D, 33-T27N-R04W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,035 MCFD & 0 BO

3 Hour Flow Test from Dakota = 205 MCFD & 0 BO

GAS:

$$\frac{(MV) 1,035 \text{ MCFD}}{(MV \& DK) 1,240 \text{ MCFD}} = (MV) \% \text{ Mesaverde 83\%}$$

$$\frac{(DK) 205 \text{ MCFD}}{(MV \& DK) 1,240 \text{ MCFD}} = (DK) \% \text{ Dakota 17\%}$$

OIL:

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

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