

***BURLINGTON  
RESOURCES***

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SAN JUAN DIVISION

October 5, 1998

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

Re: Allison Unit #20M  
NW Section 18, T-32-N, R-6-W, San Juan County  
30-045-29608

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-2006 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	84 % gas	50 % oil
Dakota -	16 % 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

Allison Unit #20M  
(Mesaverde/Dakota)Commingle  
Unit F, 18-T32N-R06W  
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,567 MCFD & 0 BO

3 Hour Flow Test from Dakota = 303 MCFD & 0 BO

GAS:

$$\frac{(MV) 1,567 \text{ MCFD}}{(MV \& DK) 1,870 \text{ MCFD}} = (MV) \% \text{ Mesaverde 84\%}$$

$$\frac{(DK) 303 \text{ MCFD}}{(MV \& DK) 1,870 \text{ MCFD}} = (DK) \% \text{ Dakota 16\%}$$

OIL:

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

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