

BURLINGTON RESOURCES

November 10, 2000

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

Re: San Juan 27-4 Unit #45M
O Section 19, T-27-N, R-4-W
30-039-26090

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2225 was issued for this well.

Gas: Mesa Verde 26%
Dakota 74%

Oil: Mesa Verde 50%
Dakota 50%

These allocations 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 Cole
Regulatory Supervisor

Xc: NMOCD – Santa Fe
Bureau of Land Management

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 27-4 Unit #45M
(Mesaverde/Dakota) Commingle
Unit O, 19-T27N-R4W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 385 MCFD & 0 BO

3 Hour Flow Test from Dakota = 1107 MCFD & 0 BO

GAS:

$$\frac{(MV) 385 \text{ MCFD}}{(MV \& DK) 1,492 \text{ MCFD}} = (MV) \% \text{ Mesaverde 26\%}$$

$$\frac{(DK) 1107 \text{ MCFD}}{(MV \& DK) 1,492 \text{ MCFD}} = (DK) \% \text{ Dakota 74\%}$$

OIL:

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

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