

BURLINGTON RESOURCES

November 10, 2000

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

Re: San Juan 27-5 Unit #82M
E Section 6, T-27-N, R-5-W
30-039-26290

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2583 was issued for this well.

Gas: Mesa Verde 69%
Dakota 31%

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 27-5 #82M
(Mesaverde/Dakota) Commingle
Unit E, 6-T27N-R5W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 2189 MCFD & 0 BO

3 Hour Flow Test from Dakota = 1004 MCFD & 0 BO

GAS:

$$\frac{(MV) 2189 \text{ MCFD}}{(MV/DK) 3193 \text{ MCFD}} = (MV) \% \text{ Mesaverde 69%}$$

$$\frac{(DK) 1004 \text{ MCFD}}{(MV/DK) 3193 \text{ MCFD}} = (DK) \% \text{ Dakota 31%}$$

OIL:

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

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