

BURLINGTON RESOURCES

November 10, 2000

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

Re: San Juan 27-5 Unit #100
M Section 1, T-27-N, R-5-W
30-039-08114

Gentlemen:

Attached is a copy of the **revised** allocation for the commingling of the subject well, DHC-1817, which was issued for this well.

| | | |
|------|------------|-----|
| Gas: | Mesa Verde | 99% |
| | Dakota | 1% |

| | | |
|------|------------|-----|
| Oil: | Mesa Verde | 50% |
| | Dakota | 50% |

These allocations are based on production data from the Mesa Verde and Dakota. Please let me know if you have any questions.

Sincerely,



Peggy Cole
Regulatory Supervisor

Xc: NMOCD – Santa Fe
Bureau of Land Management

REVISED
PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 27-5 Unit #100
(Mesaverde/Dakota) Commingle
Unit M, 1-T27N-R05W
Rio Arriba County, New Mexico

Allocation Formula Method:

1998 Three-Month Dakota Average = 3 MCFD & 0 BO

1998 First Three Month's Commingled Average = 458 MCFD & 0 BO

1998 Commingled Production - 1999 Dakota Average = Mesaverde Contribution

GAS:

$$\frac{(DK) 3 \text{ MCFD}}{(MV \& DK) 458 \text{ MCFD}} = (DK) \% \text{ Dakota 1\%}$$

$$\frac{(MV \& DK) 458 \text{ MCFD (100\%)} - (DK) 3 \text{ MCFD (1\%)}}{(MV \& DK) 458 \text{ MCFD (100\%)} - (DK) 3 \text{ MCFD (1\%)}} = (MV) \% \text{ Mesaverde 99\%}$$

OIL: **

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

$$\frac{(MV \& DK) 0 \text{ BOPD (100\%)} - (DK) 0 \text{ BOPD (50\%)}}{(MV \& DK) 0 \text{ BOPD (100\%)} - (DK) 0 \text{ BOPD (50\%)}} = (MV) \% \text{ Mesaverde 50\%}$$

*****Neither Dakota nor Mesaverde shows potential for oil production***