

# BURLINGTON RESOURCES

November 14, 2001

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

Re: San Juan 27-5 Unit #90M  
O Section 16, T-27-N, R-5-W  
30-039-25774



  
Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-1857 was issued for this well.

|      |           |     |
|------|-----------|-----|
| Gas: | Mesaverde | 73% |
|      | Dakota    | 27% |

|      |           |    |
|------|-----------|----|
| Oil: | Mesaverde | 0% |
|      | Dakota    | 0% |

These allocations are based on isolated flow tests from the Mesaverde 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 Unit #90M  
(Mesaverde/Dakota) Commingle  
Unit P, 16-T27N-R5W  
San Juan County, New Mexico

### Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 719 MCFD & 0 BO

3 Hour Flow Test from Dakota = 264 MCFD & 0 BO

### GAS:

$$\frac{(MV) 719 \text{ MCFD}}{(MV/DK) 983 \text{ MCFD}} = (MV) \% \text{ Mesaverde 73\%}$$

$$\frac{(DK) 264 \text{ MCFD}}{(MV/DK) 983 \text{ MCFD}} = (DK) \% \text{ Dakota 27\%}$$

### OIL:

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

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