

**BURLINGTON  
RESOURCES**

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SAN JUAN DIVISION

September 17, 1998

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

Re: San Juan 28-5 Unit #91E  
1500'FNL, 960'FWL, Section 14, T-28-N, R-5-W  
30-039- 23846

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order/DHC-1965 was issued for the commingling. The following allocation formula is submitted for your approval:

|              |          |           |
|--------------|----------|-----------|
| Mesa Verde - | 99 % gas | 0% oil    |
| Dakota -     | 1 % gas  | 100 % oil |

These percentages are based on precompletion rates for the Dakota only and on post completion rates from the Mesa Verde and Dakota commingled.

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

San Juan 28-5 Unit #91E  
(Mesaverde/Dakota)Commingle  
Unit E, 14-T28N-R05W  
Rio Arriba County, New Mexico

Allocation Formula Method:

1998 Dakota Average = 2 MCFD & 0.3 BO

1998 Commingled Production = 738 MCFD & 0.3 BO

1998 Commingled Production - 1998 Dakota Average = Mesaverde Contribution

GAS:

738 MCFD (commingled production) - 2 MCFD (Dakota Production) =

736 MCFD (Mesaverde Contribution)

$\frac{736 \text{ MCFD (MV)}}{738 \text{ MCFD (total)}} = 99\% \text{ (Mesaverde), } 1\% \text{ (Dakota)}$

OIL:

0.3 BOPD (commingled production) - 0.3 BOPD (Dakota Production) =

0.0 BOPD (Mesaverde Contribution)

$\frac{0.3 \text{ BOPD (DK)}}{0.3 \text{ BOPD (total)}} = 100\% \text{ (Dakota), } 0\% \text{ (Mesaverde)}$