

# BURLINGTON RESOURCES

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SAN JUAN DIVISION

February 11, 1998

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

Re: San Juan 29-7 Unit #140  
790'FNL, 1480'FWL Section 8, T-29-N, R-7-W, Rio Arriba County, NM  
API #30-039-24142

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1472 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	87 % gas	50 % oil
Dakota -	13 % gas	50 % oil

These percentages are based on precompletion rates for the Dakota only and post completion rates for 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 29-7 Unit #140  
(Mesaverde/Dakota)Commingle  
Unit C, 8-T29N-R07W  
Rio Arriba County, New Mexico

**Allocation Formula Method:**

1996 Dakota Average = 109 MCFD & 0 BO

1997 Commingled Production = 872 MCFD & 0 BO

1997 Commingled Production - 1996 Dakota Average = Mesaverde Contribution

**GAS:**

$$\frac{(DK) 109 \text{ MCFD}}{(MV \& DK) 872 \text{ MCFD}} = (DK) \% \text{ Dakota 13}$$

$$\frac{(MV \& DK) 872 \text{ MCFD (100\%)} - (DK) 109 \text{ MCFD (13\%)}}{(MV \& DK) 872 \text{ MCFD (100\%)} - (DK) 109 \text{ MCFD (13\%)}} = (MV) \% \text{ Mesaverde 87\%}$$

**OIL:**

$$\frac{(DK) 0.0 \text{ BOPD}}{(MV \& DK) 0.0 \text{ BOPD}} = (DK) \% \text{ Dakota 50\%}$$

$$\frac{(MV \& DK) 0.0 \text{ BOPD (100\%)} - (DK) 0.0 \text{ BOPD (50\%)}}{(MV \& DK) 0.0 \text{ BOPD (100\%)} - (DK) 0.0 \text{ BOPD (50\%)}} = (MV) \% \text{ Mesaverde 50\%}$$