

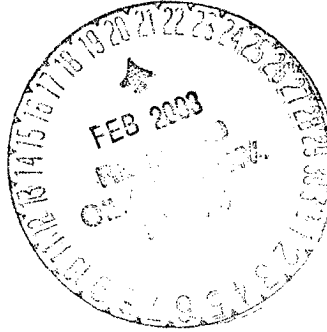
# **BURLINGTON**

## **RESOURCES**

February 19, 2003

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

Re: San Juan 28-5 Unit #86N  
K Section 23, T-28-N, R-5-W  
30-039-26956



 Gentlemen:

Attached is a copy of the allocation for the subject well that was completed 2-18-03. DHC-986az was issued for this well.

Gas: Mesaverde 92%  
Dakota 8%

Oil: Mesaverde 92%  
Dakota 8%

These percentages are based upon isolated flow tests from the Mesaverde and Dakota formations during completion operations. Oil was not present during flow test operations. For that reason, oil percentages are based upon gas allocation and are provided in the event this wellbore begins producing oil at some point in the future.

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 WELL TEST INFORMATION

San Juan 28-5 Unit #86N  
(Mesaverde/Dakota) Commingle  
Unit K, 23-T28N-R5W  
Rio Arriba County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 802 MCFD & 0 BO

Separator test from Dakota = 77 MCFD & 0 BO

GAS:

$$\frac{(MV) 802 \text{ MCFD}}{(MV/ DK) 879 \text{ MCFD}} = (MV) \% \text{ Mesaverde 92\%}$$

$$\frac{(DK) 77 \text{ MCFD}}{(MV/ DK) 879 \text{ MCFD}} = (DK) \% \text{ Dakota 8\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (MV) \% \text{ Mesaverde 92\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (DK) \% \text{ Dakota 8\%}$$