

# **BURLINGTON**

## **RESOURCES**

June 28, 2004

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

Re: Cornell #100  
B Section 10, T-29-N, R-12-W  
30-045-30381



*st*  
Gentlemen:

Attached is a copy of the allocation for the subject well that was completed 9-3-03. DHC-130<sup>4</sup>~~az~~ was issued for this well.

Gas: Fruitland Coal 24%  
Pictured Cliffs 76%

Oil: Fruitland Coal 24%  
Pictured Cliffs 76%

These percentages are based upon isolated flow tests from the Fruitland Coal and Pictured Cliffs 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,

*Nancy Oltmanns*  
Nancy Oltmanns  
Senior Staff Specialist

xc: NMOCD – Santa Fe  
Bureau of Land Management

PRODUCTION ALLOCATION FORMULA USING WELL TEST INFORMATION

Cornell 100  
(Fruitland Coal/Pictured Cliffs) Commingle  
Unit B, 10-T29N-R12W  
San Juan County, New Mexico

Allocation Formula Method:

Separator test from Fruitland Coal = 45 MCFD & 0 BO

Separator test from Dakota = 141 MCFD & 0 BO

GAS:

$$\frac{(FRC) 45 \text{ MCFD}}{(FRC/ PC) 186 \text{ MCFD}} = (FRC) \% \quad \underline{\text{Fruitland Coal 24\%}}$$

$$\frac{(PC) 141 \text{ MCFD}}{(FRC/ PC) 186 \text{ MCFD}} = (PC) \% \quad \underline{\text{Pictured Cliffs 76\%}}$$

OIL:

$$\frac{(FRC) 0 \text{ BO}}{(FRC/ PC) 0 \text{ BO}} = (FRC) \% \quad \underline{\text{Fruitland Coal 24\%}}$$

$$\frac{(PC) 0 \text{ BO}}{(FRC/ PC) 0 \text{ BO}} = (PC) \% \quad \underline{\text{Pictured Cliffs 76\%}}$$