

# **BURLINGTON** **RESOURCES**

June 17, 2003

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

Re: Harrington #4X  
G Section 31, T-27-N, R-7-W  
30-039-26935

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JUN 19 2003

Oil Conservation Division



Gentlemen:

Attached is a copy of the allocation for the subject well that was completed 6-3-03. DHC-1054az was issued for this well.

Gas: Fruitland Coal 43%  
Pictured Cliffs 57%

Oil: Fruitland Coal 43%  
Pictured Cliffs 57%

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,

A handwritten signature in cursive script, appearing to read "Peggy Cole".

Peggy Cole  
Regulatory Supervisor

Xc: NMOCD - Santa Fe  
Bureau of Land Management

PRODUCTION ALLOCATION FORMULA USING WELL TEST INFORMATION

**Harrington 4X**  
(Pictured Cliffs/Fruitland Coal) Commingle  
Unit G, 31-T27N-R7W  
Rio Arriba County, New Mexico

Allocation Formula Method:

Separator test from Pictured Cliffs = 256 MCFD & 0 BO

Separator test from Fruitland Coal = 196 MCFD & 0 BO

GAS:

$$\frac{(PC) 256 \text{ MCFD}}{(PC/FC) 452 \text{ MCFD}} = (PC) \% \text{ Pictured Cliffs 57%}$$

$$\frac{(FC) 196 \text{ MCFD}}{(PC/FC) 452 \text{ MCFD}} = (FC) \% \text{ Fruitland Coal 43%}$$

OIL:

$$\frac{(PC) 0 \text{ BO}}{(PC/FC) 0 \text{ BO}} = (PC) \% \text{ Pictured Cliffs 57%}$$

$$\frac{(FC) 0 \text{ BO}}{(PC/FC) 0 \text{ BO}} = (FC) \% \text{ Fruitland Coal 43%}$$