

BURLINGTON

RESOURCES

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

Re: Duff #5R
SWSW, Section 5, T-29-N, R-11-W
30-045-30846
San Juan County, New Mexico



Gentlemen:

The above referenced well is a Fruitland Coal/Pictured Cliffs commingle. Attached is a copy of the allocation for the commingling of the subject well completed on February 24, 2003. DHC718az was issued for this well.

Gas: Fruitland Coal 78%
Pictured Cliffs 22%

Oil: Fruitland Coal 78%
Pictured Cliffs 22%

These allocations are based on isolated flow tests from the Fruitland Coal and Pictured Cliffs 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

Duff 5R
(Fruitland Coal/Pictured Cliffs) Commingle
Unit A, 5-T29N-R11W
San Juan County, New Mexico

Allocation Formula Method:

Separator test from Fruitland Coal = 212 MCFD & 0 BO

Separator test from Pictured Cliffs = 60 MCFD & 0 BO

GAS:

$$\frac{(FC) 212 \text{ MCFD}}{(FC/ PC) 272 \text{ MCFD}} = (FC) \% \text{ Fruitland Coal 78\%}$$

$$\frac{(PC) 60 \text{ MCFD}}{(FC/ PC) 272 \text{ MCFD}} = (PC) \% \text{ Pictured Cliffs 22\%}$$

OIL:

$$\frac{(FC) 0 \text{ BO}}{(FC/ PC) 0 \text{ BO}} = (FC) \% \text{ Fruitland Coal 78\%}$$

$$\frac{(PC) 0 \text{ BO}}{(FC/ PC) 0 \text{ BO}} = (PC) \% \text{ Pictured Cliffs 22\%}$$