

BURLINGTON

RESOURCES

July 22, 2003

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

Re: Prichard Federal #1M
H Section 6, T-29-N, R-8-W
30-045-31108



Gentlemen:

Attached is a copy of the allocation for the subject well that was completed 7-18-03. DHC-1231az was issued for this well.

Gas: Mesaverde 84%
Dakota 16%

Oil: Mesaverde 84%
Dakota 16%

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

Prichard Federal 1M
(Mesaverde/Dakota) Commingle
Unit H, 6-T29N-R8W
San Juan County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 648 MCFD & 0 BO

Separator test from Dakota = 124 MCFD & 0 BO

GAS:

$$\frac{(MV) 648 \text{ MCFD}}{(MV/ DK) 772 \text{ MCFD}} = (MV) \% \text{ Mesaverde 84\%}$$

$$\frac{(DK) 124 \text{ MCFD}}{(MV/ DK) 772 \text{ MCFD}} = (DK) \% \text{ Dakota 16\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (MV) \% \text{ Mesaverde 84\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (DK) \% \text{ Dakota 16\%}$$