

BURLINGTON RESOURCES



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

Re: Culpepper Martin #16R
SESW, Section 4, T-31-N, R-12-W
30-045-31036
San Juan County, New Mexico

Gentlemen:

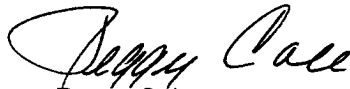
The above referenced well is a Mesaverde/Dakota commingle. Attached is a copy of the allocation for the commingling of the subject well completed on January 4, 2003. DHC897az was issued for this well.

Gas: Mesaverde 75%
Dakota 25%

Oil: Mesaverde 75%
Dakota 25%

These allocations are based on isolated flow tests from the Mesaverde and Dakota during completion operations. Oil was no 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

Culpepper Martin 16R
(Mesaverde/Dakota) Commingle
Unit N, 4-T31N-R12W
San Juan County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 435 MCFD & 0 BO

Separator test from Dakota = 142 MCFD & 0 BO

GAS:

$$\frac{(MV) 435 \text{ MCFD}}{(MV/ DK) 577 \text{ MCFD}} = (MV) \% \text{ Mesaverde 75\%}$$

$$\frac{(DK) 142 \text{ MCFD}}{(MV/ DK) 577 \text{ MCFD}} = (DK) \% \text{ Dakota 25\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (MV) \% \text{ Mesaverde 75\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (DK) \% \text{ Dakota 25\%}$$