

# **BURLINGTON**

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# **RESOURCES**

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

Re: Culpepper Martin #7B  
NWSE, Section 28, T-32-N, R-12-W  
30-045-30072  
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 November 12, 2001. **DHC508az** was issued for this well.

Gas: Mesa Verde 83%  
Dakota 17%

Oil: Mesa Verde 83%  
Dakota 17%

These allocations are based on isolated flow tests from the Mesa Verde and Dakota 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

Culpepper Martin #7B  
(Mesaverde/Dakota) Commingle  
Unit J, 28-T32N-R12W  
San Juan County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 514 MCFD & 0 BO

Separator test from Dakota = 105 MCFD & 0 BO

GAS:

$$\frac{(MV) 514 \text{ MCFD}}{(MV/ DK) 619 \text{ MCFD}} = (MV) \% \text{ Mesaverde 83\%}$$

$$\frac{(DK) 105 \text{ MCFD}}{(MV/ DK) 619 \text{ MCFD}} = (DK) \% \text{ Dakota 17\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (MV) \% \text{ Mesaverde 83\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (DK) \% \text{ Dakota 17\%}$$