

# BURLINGTON RESOURCES

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

Re: Allison Unit #23M  
SWNW, Section 19, T-32-N, R-6-W  
30-045-29668  
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 March 14, 1999. DHC-1812 was issued for this well.

Gas: Mesa Verde 76%  
Dakota 24%

Oil: Mesa Verde 0%  
Dakota 0%

These allocations are based on isolated flow tests from the Mesa Verde and Dakota during completion operations. 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 FLOW TEST INFORMATION

Allison Unit #23M  
(Mesaverde/Dakota) Commingle  
Unit E, 19-T32N-R06W  
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,560 MCFD & 0 BO

3 Hour Flow Test from Dakota = 493 MCFD & 0 BO

GAS:

$$\frac{(MV) 1,560 \text{ MCFD}}{(MV \& DK) 2,053 \text{ MCFD}} = (MV) \% \text{ Mesaverde 76\%}$$

$$\frac{(DK) 493 \text{ MCFD}}{(MV \& DK) 2,053 \text{ MCFD}} = (DK) \% \text{ Dakota 24\%}$$

OIL:

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

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