

# BURLINGTON RESOURCES



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

Re: East #11M  
NWSE, Section 24, T-31-N, R-12-W  
30-045-30947  
San Juan County, New Mexico

Gentlemen:

*SP*  
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 December 18, 2002. DHC1002az was issued for this well.

Gas:	Mesaverde	43%
	Dakota	57%

Oil:	Mesaverde	43%
	Dakota	57%

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

East 11M  
(Mesaverde/Dakota) Commingle  
Unit J, 24-T31N-R12W  
San Juan County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 580 MCFD & 0 BO

Separator test from Dakota = 780 MCFD & 0 BO

GAS:

$$\frac{(MV) 580 \text{ MCFD}}{(MV/ DK) 1288 \text{ MCFD}} = (MV) \% \text{ Mesaverde 43\%}$$

$$\frac{(DK) 780 \text{ MCFD}}{(MV/ DK) 1288 \text{ MCFD}} = (DK) \% \text{ Dakota 57\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (MV) \% \text{ Mesaverde 43\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (DK) \% \text{ Dakota 57\%}$$