

ALLISON #58, DHC

## BURLINGTON RESOURCES

RECEIVED  
APR 13 1999  
OIL CON. DIV.  
DIST. 3

April 12, 1999

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

Re: Allison Unit #58  
1720'FNL, 1785'FEL, Section 24, T-32-N, R-7-W  
30-045-29617

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2159 was issued for this well.

Gas:	Mesa Verde	85%
	Dakota	15%
Oil:	Mesa Verde	50%
	Dakota	50%

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 Bradfield  
Regulatory/Compliance Administrator

Xc: NMOCD – Santa Fe  
Bureau of Land Management – Farmington

## PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

Allison Unit #58  
(Mesaverde/Dakota) Commingle  
Unit I, 24-T32N-R07W  
San Juan County, New Mexico

### Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,078 MCFD & 0.05 BO

3 Hour Flow Test from Dakota = 193 MCFD & 0.05 BO

### GAS:

$$\frac{(MV) 1,078 \text{ MCFD}}{(MV \& DK) 1,271 \text{ MCFD}} = (MV) \% \text{ Mesaverde 85\%}$$

$$\frac{(DK) 193 \text{ MCFD}}{(MV \& DK) 1,271 \text{ MCFD}} = (DK) \% \text{ Dakota 15\%}$$

### OIL:

$$\frac{(MV) 0.05 \text{ BO}}{(MV \& DK) 0.10 \text{ BO}} = (MV) \% \text{ Mesaverde 50\%}$$

$$\frac{(DK) 0.05 \text{ BO}}{(MV \& DK) 0.10 \text{ BO}} = (DK) \% \text{ Dakota 50\%}$$