

# **BURLINGTON RESOURCES**

October 9, 1999

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

Re: Allison Unit #40  
A Section 19, T-32-N, R-6-W  
30-045-21320

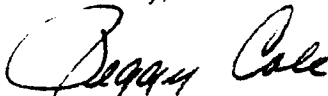
Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2072 was issued for this well.

Gas:	Mesa Verde	90%
	Dakota	10%
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 Cole  
Regulatory/Compliance Administrator

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

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

Allison Unit #40  
(Mesaverde/Dakota)Commingle  
Unit A, 19-T32N-R6W  
San Juan County, New Mexico

Allocation Formula Method:

1998 Ten Month Dakota Average = 45 MCFD & 0 BO

1999 Eight Month Commingled Average = 465 MCFD & 0 BO

1999 Commingled Production - 1998 Dakota Average = Mesaverde Contribution

GAS:

$$\frac{(DK) 45 \text{ MCFD}}{(MV \& DK) 465 \text{ MCFD}} = (DK) \% \text{ Dakota 10\%}$$

$$\frac{(MV \& DK) 465 \text{ MCFD (100\%)} - (DK) 45 \text{ MCFD (10\%)}}{(MV \& DK) 465 \text{ MCFD (100\%)}} = (MV) \% \text{ Mesaverde 90\%}$$

OIL:

$$\frac{(DK) 0 \text{ BOPD}}{(MV \& DK) 0 \text{ BOPD}} = (DK) \% \text{ Dakota 50\%}$$

$$\frac{(MV \& DK) 0 \text{ BOPD (100\%)} - (DK) 0 \text{ BOPD (50\%)}}{(MV \& DK) 0 \text{ BOPD (100\%)}} = (MV) \% \text{ Mesaverde 50\%}$$