

# BURLINGTON RESOURCES

SAN JUAN DIVISION

April 25, 1998

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

Re: Allison Unit #12  
1825'FNL, 1550'FEL Section 14, T-32-N, R-7-W, San Juan County, NM  
API #30-045-11429

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1461 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	65.52 % gas	50 % oil
Dakota -	34.48 % gas	50% oil

These percentages are based on historical production from the Mesa Verde and Dakota.

Please let me know if you have any questions.

Sincerely,



Peggy Bradfield  
Regulatory/Compliance Administrator

xc: Bureau of Land Management  
NMOCD - Santa Fe

**PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION**

**Allison Unit #12  
(Mesaverde/Dakota)Commingle  
Unit G, Sec 14 T32N-R07W  
San Juan County, New Mexico**

**Allocation Formula Method:**

**12 Month Dakota Average Prior to MV Payadd = 255.5 MCFD & 0 BO**

**5 Month Post Payadd Commingled Production = 740.9 MCFD & 0 BO**

**Commingled Production – Prior Dakota Average = Mesaverde Contribution**

**GAS:**

$$\frac{(DK) 255.5 \text{ MCFD}}{(MV \& DK) 740.9 \text{ MCFD}} = (DK) \% \text{ Dakota 34.48\%}$$

$$(MV \& DK) 740.9 \text{ MCFD (100\%)} - (DK) 255.5 \text{ MCFD (34.48\%)}$$

$$= (MV) \% \text{ Mesaverde 65.52\%}$$

**OIL:**

$$\frac{(DK) 0.0 \text{ BOPD}}{(MV \& DK) 0.0 \text{ BOPD}} = (DK) \% \text{ Dakota 50\%}$$

$$(MV \& DK) 0.0 \text{ BOPD (100\%)} - (DK) 0.0 \text{ BOPD (50\%)}$$

$$= (MV) \% \text{ Mesaverde 50\%}$$