

# BURLINGTON RESOURCES

SAN JUAN DIVISION

April 25, 1998

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

Re: Allison Unit #11X  
917'FNL, 1086'FEL Section 23, T-32-N, R-7-W, San Juan County, NM  
API #30-045-11346

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1460 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	86.36 % gas	50 % oil
Dakota -	13.64 % 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 #11X  
(Mesaverde/Dakota)Commingle  
Unit A, Sec 23 T32N-R07W  
San Juan County, New Mexico**

**Allocation Formula Method:**

**12 Month Dakota Average Prior to MV Payadd = 40.12 MCFD & 0 BO**

**6 Month Post Payadd Commingled Production = 294.25 MCFD & 0 BO**

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

**GAS:**

$$\frac{(DK) 40.12 \text{ MCFD}}{(MV \& DK) 294.25 \text{ MCFD}} = (DK) \% \text{ Dakota 13.64\%}$$

$$(MV \& DK) 294.25 \text{ MCFD (100\%)} - (DK) 40.12 \text{ MCFD (13.64\%)}$$

$$= (MV) \% \text{ Mesaverde 86.36\%}$$

**OIL:**

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

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

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