

# ***BURLINGTON RESOURCES***

October 9, 1999

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

Re: Davis #9  
1650'FNL, 1650'FWL Section 12, T-31-N, R-12-W  
30-045-10878

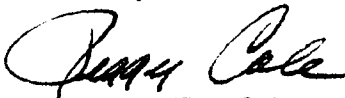
Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-1903 was issued for this well.

Gas:	Mesa Verde	80.2%
	Dakota	19.8%
Oil:	Mesa Verde	0%
	Dakota	0%

These allocations are based on adjusted production from the Mesa Verde and Dakota. 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

**DAVIS #9**  
 1650' FNL 1650' FWL  
 J - Sec 12, 31N, 12 W

**Production Allocation**

\*Dakota Average Production Rate for 12-98 (month prior to the work) Adjusted to 8-99:

79 mcf	19.8%
319 mcf	80.2%

\*Mesaverde Average Production Rate (8/99):

Total:	398	100.0%
--------	-----	--------

\*Allocation Formula Basis: The fixed percentages are based on the average Dakota rate one month prior to the Mesaverde recompletion (12/98) adjusted to 8-99:

$$\begin{aligned}
 Q_{\text{avg 12-98}} &= 82 \text{ MCFD} \\
 Q_{8-99} &= Q_i * e^{(-Dt)} \\
 Q_{8-100} &= 82 * e^{((.0468/12)*8)} = 79 \text{ MCFD}
 \end{aligned}$$

This average was then subtracted from the daily average for the month of August 1999 to determine the Mesaverde average rate.

$$398 \text{ mcf} - 79 \text{ mcf} = 319 \text{ mcf}$$

msq

10/07/99