

# BURLINGTON RESOURCES

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SAN JUAN DIVISION

September 8, 1997

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

Re: Sunray D #2A  
935'FSL, 830'FEL, Section 21, T-30-N, R-10-W  
30-045-23831

Gentlemen:

The above referenced well is a Pictured Cliffs/Mesa Verde commingle. Order DHC-1230 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	85 % gas	100 % oil
Pictured Cliffs -	15 % gas	0 % oil

These percentages are based on production history.

Please let me know if you have any questions.

Sincerely,



Peggy Bradfield  
Regulatory/Compliance Administrator

xc: Bureau of Land Management  
NMOCD - Santa Fe

**Sunray D #2A**  
**Allocation Calculation**  
**Blanco Mesaverde and Aztec Pictured Cliffs Commingle**  
**Method: Production History**

**Gas Production:**

Average on line Pictured Cliffs production prior to workover:	19 mcf/d
Total on line Pictured Cliffs and Mesaverde production after the workove	127 mcf/d

**Oil Production:**

Average on line Pictured Cliffs production prior to workover:	0 bbls/d
Total on line Pictured Cliffs and Mesaverde production after the workove	0.43 bbls/d

**Gas Production Allocation:**

**Pictured Cliffs Gas Allocation =**  $\frac{19 \text{ mcf/d}}{127 \text{ mcf/d}} =$  **15%**

**Mesaverde Gas Allocation =**  $\frac{127 - 19}{127} \frac{\text{mcf/d}}{\text{mcf/d}} =$  **85%**

**Oil Production Allocation:**

**Pictured Cliffs Oil Allocation =**  $\frac{0 \text{ bbls/d}}{0.43 \text{ bbls/d}} =$  **0%**

**Mesaverde Oil Allocation =**  $\frac{0.43 - 0}{0.43} \frac{\text{bbls/d}}{\text{bbls/d}} =$  **100%**