

BURLINGTON RESOURCES

SAN JUAN DIVISION

September 8, 1997

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

Re: Sunray D #1A
1660'FNL, 1760'FWL, Section 21, T-30-N, R-10-W
30-045-24139

Gentlemen:

The above referenced well is a Pictured Cliffs/Mesa Verde commingle. Order DHC-1231 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	86 % gas	100 % oil
Pictured Cliffs -	14 % 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 #1A
Allocation Calculation
Blanco Mesaverde and Aztec Pictured Cliffs Commingle
Method: Production History

Gas Production:

Average on line Pictured Cliffs production prior to workover:	26 mcf/d
Total on line Pictured Cliffs and Mesaverde production after the workove	189 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	0.65 bbls/d

Gas Production Allocation:

Pictured Cliffs Gas Allocation = $\frac{26 \text{ mcf/d}}{189 \text{ mcf/d}} = 14\%$

Mesaverde Gas Allocation = $\frac{189 - 26}{189} \frac{\text{mcf/d}}{\text{mcf/d}} = 86\%$

Oil Production Allocation:

Pictured Cliffs Oil Allocation = $\frac{0 \text{ bbls/d}}{0.65 \text{ bbls/d}} = 0\%$

Mesaverde Oil Allocation = $\frac{0.65 - 0}{0.65} \frac{\text{bbls/d}}{\text{bbls/d}} = 100\%$