

# **BURLINGTON RESOURCES**

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

Re: Sunray E #2  
NWSW, Section 9, T-30-N, R-10-W  
30-045-09662  
San Juan County, New Mexico

Gentlemen:

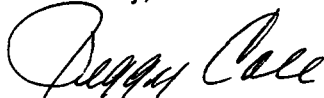
The above referenced well is a Pictured Cliffs/Mesaverde commingle. Attached is a copy of the allocation for the commingling of the subject well completed on July 27, 2000. DHC-2629 was issued for this well.

Gas:	Mesa Verde	80%
	Pictured Cliffs	20%

Oil:	Mesa Verde	100%
	Pictured Cliffs	0%

The gas allocations are based on isolated flow tests from the Mesa Verde and Pictured Cliffs during completion operations. The oil allocations were calculated using rate-time reserve estimate comparisons for each respective formation. Please let me know if you have any questions.

Sincerely,



Peggy Cole  
Regulatory Supervisor

Xc: NMOCD – Santa Fe  
Bureau of Land Management

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

Sunray E #2  
(Mesaverde/Pictured Cliffs) Commingle  
Unit L, 9-T30N-R10W  
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 743 MCFD & 0 BO

3 Hour Flow Test from Pictured Cliffs = 182 MCFD & 0 BO

GAS:

$$\frac{(MV) 743 \text{ MCFD}}{(MV/PC) 925 \text{ MCFD}} = (MV) \% \text{ Mesaverde 80\%}$$

$$\frac{(PC) 182 \text{ MCFD}}{(MV/PC) 925 \text{ MCFD}} = (PC) \% \text{ Pictured Cliffs 20\%}$$

OIL: (based on remaining reserves)

	<u>EUR</u>	<u>RR</u>	<u>Allocation %</u>
Pictured Cliffs	0.0	0.0	0%
Both Formations	<u>3.4</u>	<u>2.5</u>	
Mesaverde		2.5	100%