

# BURLINGTON RESOURCES

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SAN JUAN DIVISION

October 22, 1997

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

Re: New Mexico B Com #1E  
800'FNL, 800'FWL, Section 16, T-29-N, R-11-W  
30-045-24536

Gentlemen:

The above referenced well is a Chacra/Dakota commingle. Order DHC-1659 was issued for the commingling. The following allocation formula is submitted for your approval:

Chacra -	46.8 % gas
Dakota -	53.2 % gas

These percentages are based on historic production from the Chacra and Dakota formations.

Please let me know if you have any questions.

Sincerely,



Peggy Bradfield  
Regulatory/Compliance Administrator

xc: Bureau of Land Management  
NMOCD - Santa Fe

**New Mexico B Com No. 1E  
Production Allocation**

**For zonal allocation, 1996 production volumes are utilized:**

Chacra Production in 1996: 25,156 MCF

Dakota Production in 1996: 28,570 MCF

Total Chacra and Dakota  
Production in 1996: 53,726 MCF

**Gas Allocation Calculation:**

$$\text{Chacra Allocation} = \frac{(\text{Chacra Production})}{(\text{Total Production})}$$

$$\text{Chacra Allocation} = \frac{(25,156 \text{ MCF})}{(53,726 \text{ MCF})} = 46.8\%$$

**Chacra Gas Allocation = 46.8%**

$$\text{Dakota Allocation} = \frac{(\text{Dakota Production})}{(\text{Total Production})}$$

$$\text{Dakota Allocation} = \frac{(28,570 \text{ MCF})}{(53,726 \text{ MCF})} = 53.2\%$$

**Dakota Gas Allocation = 53.2%**