

# BURLINGTON RESOURCES

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SAN JUAN DIVISION

October 1, 1997

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

Re: Cain #11E  
810'FSL, 1825'FEL, Section 15, T-28-N, R-10-W  
30-045-23972

Gentlemen:

The above referenced well is a Chacra/Dakota commingle. Order DHC-1636 was issued for the commingling. The following allocation formula is submitted for your approval:

Chacra -	32.6 % gas	0 % oil
Dakota -	67.4 % gas	0 % oil

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

Please let me know if you have any questions.

Sincerely,



Peggy Bradfield  
Regulatory/Compliance Administrator

xc: Bureau of Land Management  
NMOCD - Santa Fe

**CAIN # 11E**  
**Production Allocation**

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

Chacra Production in 1996: 24,780 MCF

Dakota Production in 1996: 51,187 MCF

Total Chacra and Dakota Production in 1993: 75,967 MCF

**Allocation Calculation:**

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

$$\text{Chacra Allocation} = \frac{(24,780 \text{ MCF})}{(75,967 \text{ MCF})} = 32.6\%$$

**Chacra Allocation = 32.6%**

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

$$\text{Dakota Allocation} = \frac{(51,187 \text{ MCF})}{(75,967 \text{ MCF})} = 67.4\%$$

**Dakota Allocation = 67.4%**