



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
<http://nemnr.state.nm.us/ocd/District/III/3district.htm>

GARY E. JOHNSON
GOVERNOR

Jennifer A. Salisbury
CABINET SECRETARY

January 7, 1997

Ms Peggy Bradfield
Burlington Resources O&G Co
PO Box 4289
Farmington NM 87499

Re: Cain #11E, O-15-28N-10W, DHC, API# 30-045-23972

Dear Ms. Bradfield:

Your recommended allocation of commingled production for the referenced well is hereby accepted as follows:

	Gas	Oil
Otero Chacra	33%	0%
Basin Dakota	67%	100%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/sh

cc: well file
Duane Spencer, Farmington BLM

Revised CAINIE.DHC

**BURLINGTON
RESOURCES**

SAN JUAN DIVISION

December 29, 1997

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

RECEIVED
DEC 31 1997
OIL CON. DIV.
DIST. 3

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 revised allocation formula is submitted for your approval:

Chacra -	³³ 32.6 % gas	0 % oil
Dakota -	67.4 % gas	100 % oil

These percentages are based on ⁶⁷historic production for both the Chacra and the Dakota.

Please let me know if you have any questions.

Sincerely,

Peggy Bradfield

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, 0 BO

Dakota Production in 1996: 51,187 MCF, 314 BO

Total Chacra and Dakota Production in 1996: 75,967 MCF, 314 BO

Gas Allocation Calculation:

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

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

Chacra Gas Allocation = 32.6%

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

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

Dakota Gas Allocation = 67.4%

Oil Allocation Calculation:

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

$$\text{Chacra Oil Allocation} = \frac{(0 \text{ BO})}{(314 \text{ BO})} = 0.0\%$$

Chacra Oil Allocation = 0.0%

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

$$\text{Dakota Oil Allocation} = \frac{(314 \text{ BO})}{(314 \text{ BO})} = 100.0\%$$

Dakota Oil Allocation = 100.0%