NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
GOVERNOR

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178 Fax (505)334-6170

JENNIFER A. SALISBURY
CABINET SECRETARY

August 19, 1997

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

Re: San Juan 28-5 Unit #65M, API# 30-039-25645, O-28-28N-05W, DHC

Dear Ms. Bradfield:

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

| | Gas | Oil |
|---|---|---|
| Blanco Mesaverde | 68% | 50% |
| Basin Dakota | 32% | 50% |

Yours truly,

Ernie Busch

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/sh

cc: well file

2565M-DHC

# BURLINGTON RESOURCES

SAN JUAN DIVISION

July 23, 1997

RECEIVED
JUL 24 1997
OIL CON. DIV.
DIST. 3

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

Re: San Juan 28-5 Unit #65M
900'FSL, 1815'FEL Section 28, T-28-N, R-5-W, Rio Arriba County, NM
API #30-039-25645

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1583 was issued for the commingling. The following allocation formula is submitted for your approval:

| | | |
|---|---|---|
| Mesa Verde - | 68 % gas | 50 % oil |
| Dakota - | 32 % gas | 50 % oil |

These percentages are based on isolated flow tests from the Mesa Verde and Dakota during completion operations.

Please let me know if you have any questions.

Sincerely,

Peggy Bradfield

Peggy Bradfield
Regulatory/Compliance Administrator

xc: Bureau of Land Management

3535 East 30th St., 87402-8801, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

# PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

**San Juan 28-5 Unit #65M**
**(Mesaverde/Dakota)Commingle**
**Unit O, 28-T28N-R05W**
**Rio Arriba County, New Mexico**

**Allocation Formula Method:**

**3 Hour Flow Test from Mesaverde = 991 MCFD & 0 BO**

**3 Hour Flow Test from Dakota = 458 MCFD & 0 BO**

## GAS:

$$\frac{\textit{(MV) 991}\ \text{MCFD}}{\textit{(MV \& DK)}\ 1449\ \text{MCFD}} = \textbf{(MV) \% Mesaverde 68\%}$$

$$\frac{\textit{(DK) 458}\ \text{MCFD}}{\textit{(MV \& DK)}\ 1449\ \text{MCFD}} = \textbf{(DK) \% Dakota 32\%}$$

## OIL:

$$\frac{\textit{(MV)}\ 0\ \text{BO}}{\textit{(MV \& DK)}\ 0\ \text{BO}} = \textbf{(MV) \% Mesaverde 50\%}$$

$$\frac{\textit{(DK) 0}\ \text{BO}}{\textit{(MV \& DK)}\ 0\ \text{BO}} = \textbf{(DK) \% Dakota 50\%}$$