

# BURLINGTON RESOURCES

SAN JUAN DIVISION

July 17, 1997

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JUL 18 1997

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

OIL CON. DIV.  
DIST. 3

Re: San Juan 28-5 Unit #73M  
765'FSL, 2075'FEL Section 35, T-28-N, R-5-W, Rio Arriba County, NM  
API #30-039-25663

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1593 was issued for the commingling. The following allocation formula is submitted for your approval:

|              |          |          |
|--------------|----------|----------|
| Mesa Verde - | 71 % gas | 50 % oil |
| Dakota -     | 29 % 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  
Regulatory/Compliance Administrator

xc: Bureau of Land Management

# PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 28-5 Unit #73M  
(Mesaverde/Dakota)Commingle  
Unit O, 35-T28N-R05W  
Rio Arriba County, New Mexico

## Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 633 MCFD & 0 BO

3 Hour Flow Test from Dakota = 258 MCFD & 0 BO

## GAS:

$$\frac{(MV) 633 \text{ MCFD}}{(MV \& DK) 891 \text{ MCFD}} = (MV) \% \text{ Mesaverde 71\%}$$

$$\frac{(DK) 258 \text{ MCFD}}{(MV \& DK) 891 \text{ MCFD}} = (DK) \% \text{ Dakota 29\%}$$

## OIL:

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

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



**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) 334-6170 Fax (505) 334-6170

**JENNIFER A. SALISBURY**  
CABINET SECRETARY

July 18, 1997

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

Re: San Juan 28-5 Unit #73M, API# 30-039-25663, O-35-28N-05W, DHC

Dear Ms. Bradfield:

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

|                  | Gas | Oil |
|------------------|-----|-----|
| Blanco Mesaverde | 71% | 50% |
| Basin Dakota     | 29% | 50% |

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

EB/sh

cc: well file