



**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  
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**JENNIFER A. SALISBURY**  
CABINET SECRETARY

April 18, 1997

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

Re: San Juan 28-5 Unit #42M, API# 30-039-25630, I-31-28N-05W, DHC

Dear Ms. Bradfield:

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

|                  | Gas | Oil |
|------------------|-----|-----|
| Blanco Mesaverde | 56% | 50% |
| Basin Dakota     | 44% | 50% |

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

EB/sh

cc: well file

SJ28542M

# BURLINGTON RESOURCES

SAN JUAN DIVISION

April 11, 1997

RECEIVED  
APR 13 1997

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

OIL CON. DIV.  
DIST. 3

Re: San Juan 28-5 Unit #42M I  
1450'FSL, 910'FEL Section 31, T-28-N, R-05-W, Rio Arriba County, NM  
API #30-039-25630

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1474 was issued for the commingling. The following allocation formula is submitted for your approval:

|              |         |         |
|--------------|---------|---------|
| Mesa Verde - | 56% gas | 50% oil |
| Dakota -     | 44% gas | 50% oil |

These percentages are based on an insulated flow test 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 #42M  
(Mesaverde/Dakota)Commingle  
Unit I, 31-T28N-R05W  
Rio Arriba County, New Mexico

## Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 931 MCFD & 0.25 BO

3 Hour Flow Test from Dakota = 735 MCFD & 0.25 BO

## GAS:

$$\frac{(MV) 931 \text{ MCFD}}{(MV \& DK) 1666 \text{ MCFD}} = (MV) \% \text{ Mesaverde 56\%}$$

$$\frac{(DK) 735 \text{ MCFD}}{(MV \& DK) 1666 \text{ MCFD}} = (DK) \% \text{ Dakota 44\%}$$

## OIL:

$$\frac{(MV) 0.25 \text{ BO}}{(MV \& DK) 0.5 \text{ BO}} = (MV) \% \text{ Mesaverde 50\%}$$

$$\frac{(DK) 0.25 \text{ BO}}{(MV \& DK) 0.5 \text{ BO}} = (DK) \% \text{ Dakota 50\%}$$