



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

GARY E. JOHNSON  
GOVERNOR

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 28-6 Unit #116, API# 30-039-07266, C-33-28N-06W, DHC

Dear Ms. Bradfield:

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

|                  | Gas | Oil |
|------------------|-----|-----|
| Blanco Mesaverde | 93% | 94% |
| Basin Dakota     | 7%  | 6%  |

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

EB/sh

cc: well file

55286116

# BURLINGTON RESOURCES

SAN JUAN DIVISION

March 21, 1997

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

RECEIVED  
MAR 23 1997

OIL CONSERVATION  
DIVISION

Re: San Juan 28-6 Unit #116  
990'FNL, 1650'FWL Section 33, T-28-N, R-06-W, Rio Arriba County, NM  
API #30-039-07266

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1465 was issued for the commingling. The following allocation formula is submitted for your approval:

|              |         |         |
|--------------|---------|---------|
| Mesa Verde - | 93% gas | 94% oil |
| Dakota -     | 7% gas  | 6% oil  |

These percentages are based on a three hour flow test from the Mesa Verde and Dakota, compared to actual 1996 average Dakota production.

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  
AND ACTUAL PRODUCTION**

San Juan 28-6 Unit #116  
(Mesaverde/Dakota)Commingle  
Unit C, 33-T28N-R06W  
Rio Arriba County, New Mexico

**Allocation Formula Method:**

3 Hour Flow Test from Mesaverde and Dakota = 1794 MCFD & 18 BOPD

Actual 1996 average Dakota production = 123 MCFD & 1 BOPD

**GAS:**

$$\frac{[(MV \& DK) 1794 \text{ MCFD} - (DK) 123 \text{ MCFD}]}{(MV \& DK) 1794 \text{ MCFD}} = (MV) \% \quad \underline{\text{Mesaverde 93\%}}$$

$$\frac{(DK) 123 \text{ MCFD}}{(MV \& DK) 1794 \text{ MCFD}} = (DK) \% \quad \underline{\text{Dakota 7\%}}$$

**OIL:**

$$\frac{[(MV \& DK) 18 \text{ BOPD} - (DK) 1 \text{ BOPD}]}{(MV \& DK) 18 \text{ BOPD}} = (MV) \% \quad \underline{\text{Mesaverde 94\%}}$$

$$\frac{(DK) 1 \text{ BO}}{(MV \& DK) 18 \text{ BOPD}} = (DK) \% \quad \underline{\text{Dakota 6\%}}$$