



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

AZTEC DISTRICT OFFICE
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[http://wwwrd.state.nm.us/aztec/District NM/aztec.htm](http://wwwrd.state.nm.us/aztec/District%20NM%20aztec.htm)

GARY E. JOHNSON
GOVERNOR

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CABINET SECRETARY

September 4, 1998

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

Re: San Juan 27 5 Unit #115M, E-23-27N-05W, DHC, API# 30-039-25824

Dear Ms. Bradfield:

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

| | |
|-----------|-----|
| | Gas |
| Mesaverde | 49% |
| Dakota | 51% |

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/mk

cc: BLM Farmington-Jim Lovato
NMOCD Santa Fe-David Catanach
well file

275 #115M.dhc

**BURLINGTON
RESOURCES**

SAN JUAN DIVISION

August 18, 1998

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

Re: San Juan 27-5 Unit #115M
NW Section 23, T-27-N, R-5-W
30-039-25824

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1988 was issued for the commingling. The following allocation formula is submitted for your approval:

| | | |
|--------------|----------|----------|
| Mesa Verde - | 49 % gas | 50 % oil |
| Dakota - | 51 % gas | 50 % oil |

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

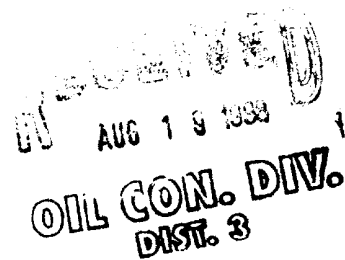
Please let me know if you have any questions.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

xc: Bureau of Land Management
NMOCD - Santa Fe



PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 27-5 Unit #115M
(Mesaverde/Dakota)Commingle
Unit E, 23-T27N-R05W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 451 MCFD & 0 BO

3 Hour Flow Test from Dakota = 473 MCFD & 0 BO

GAS:

$$\frac{(MV) 451 \text{ MCFD}}{(MV \& DK) 924 \text{ MCFD}} = (MV) \% \text{ Mesaverde 49\%}$$

$$\frac{(DK) 473 \text{ MCFD}}{(MV \& DK) 924 \text{ MCFD}} = (DK) \% \text{ Dakota 51\%}$$

OIL:

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

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