



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6170  
<http://emnr.state.nm.us/ocd/District/III/3district.htm>

GARY E. JOHNSON  
Governor

Jennifer A. Salisbury  
Cabinet Secretary

March 8, 1999

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

Re: San Juan 28 5 Unit #78M, F-25-28N-05W, DHC, API# 30-039-25969

Dear Ms. Bradfield:

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

	Gas
Mesaverde	54%
Dakota	46%

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

EB/mk

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

28578M. dhc

# BURLINGTON RESOURCES

RECEIVED  
FEB 17 1999  
OIL CON. DIV.  
DIST. 3

February 15, 1999

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

Re: San Juan 28-5 Unit #78M  
285'FNL, 2050'FWL Section 25, T-28-N, R-5-W  
30-039-25969

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2021 was issued for this well.

Gas: Mesa Verde 54%  
Dakota 46%

Oil: Mesa Verde 50%  
Dakota 50%

These allocations 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: NMOCD - Santa Fe  
Bureau of Land Management - Farmington

# PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 28-5 Unit #78M  
(Mesaverde/Dakota)Commingle  
Unit F, 25-T28N-R05W  
Rio Arriba County, New Mexico

## Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 485 MCFD & 0 BO

3 Hour Flow Test from Dakota = 405 MCFD & 0 BO

## GAS:

$$\frac{(MV) 485 \text{ MCFD}}{(MV \& DK) 890 \text{ MCFD}} = (MV) \% \text{ Mesaverde 54\%}$$

$$\frac{(DK) 405 \text{ MCFD}}{(MV \& DK) 890 \text{ MCFD}} = (DK) \% \text{ Dakota 46\%}$$

## OIL:

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

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