



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/district.htm](http://emnr.state.nm.us/ocd/District%20III/district.htm)

GARY E. JOHNSON
Governor

Jennifer A. Salsbury
Cabinet Secretary

June 23, 1999

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

Re: San Juan 28-5 Unit #77M, F-27-28N-05W, API# 30-039-25936, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesa Verde	76%	50%
Dakota	24%	50%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

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

55285#77M.DHC

BURLINGTON RESOURCES

April 28, 1999

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

RECEIVED
APR 29 1999
OIL CON. DIV.
DIST. 3

Re: San Juan 28-5 Unit #77M
1730'FNL, 1850'FWL Section 27, T-28-N, R-5-W
30-039-25936

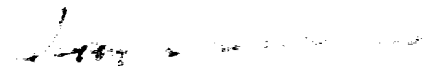
Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-1987 was issued for this well.

Gas:	Mesa Verde	76%
	Dakota	24%
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 #77M
(Mesaverde/Dakota) Commingle
Unit F, 27-T28N-R05W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,869 MCFD & 0 BO

3 Hour Flow Test from Dakota = 583 MCFD & 0 BO

GAS:

$$\frac{(MV) 1,869 \text{ MCFD}}{(MV \& DK) 2,452 \text{ MCFD}} = (MV) \% \text{ Mesaverde 76\%}$$

$$\frac{(DK) 583 \text{ MCFD}}{(MV \& DK) 2,452 \text{ MCFD}} = (DK) \% \text{ Dakota 24\%}$$

OIL:

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

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