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://emnrd.state.nm.us/ocd/District III/3district.htm

GARY E. JOHNSON
Governor

Jennifer A. Salisbury
Cabinet Secretary

June 29, 1999

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

Re: San Juan 27-5 Unit #146M, E-36-27N-05W, API# 30-039-25975, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesa Verde	69%	50%
Dakota	31%	50%

Yours truly,

Ernie Busch

Ernie Busch
District Geologist/Deputy O&G Inspector

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

SJ 27-5 #146M. DHC

BURLINGTON RESOURCES

April 12, 1999

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

Re: San Juan 27-5 Unit #146M
1675'FNL, 935'FWL, Section 36, T-27-N, R-5-W
30-039-25975

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2127 was issued for this well.

Gas:	Mesa Verde	69%
	Dakota	31%
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

3535 East 30th, Post Office Box 4289, Farmington, NM 87499 505-326-9727 Fax: 505-599-4046

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 27-5 Unit #146M
(Mesaverde/Dakota) Commingle
Unit E, 36-T27N-R05W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 618 MCFD & 0 BO

3 Hour Flow Test from Dakota = 276 MCFD & 0 BO

GAS:

$$\frac{\textit{(MV) 618 MCFD}}{\textit{(MV \& DK) 894 MCFD}} = \text{(MV) \% Mesaverde 69\%}$$

$$\frac{\textit{(DK) 276 MCFD}}{\textit{(MV \& DK) 894 MCFD}} = \text{(DK) \% Dakota 31\%}$$

OIL:

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

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