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/3distric.htm

GARY E. JOHNSON
Governor

Jennifer A. Salisbury
Cabinet Secretary

December 22, 1998

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

Re: San Juan 27-4 Unit #102M, D-33-27N-04W API# 30-039-25961, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesaverde	83%	50%
Dakota	17%	50%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

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

274#102M-dhc

BURLINGTON RESOURCES

SAN JUAN DIVISION

November 7, 1998

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

Re: San Juan 27-4 Unit #102M
840'FNL, 1110'FWL, Section 33, T-27-N, R-4-W, Rio Arriba
30-039-25961

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-2057 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	83 % gas	50% oil
Dakota -	17 % 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

Peggy Bradfield
Regulatory/Compliance Administrator

xc: Bureau of Land Management
NMOCD - Santa Fe

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OIL CON. DIV.
DIST. 3

P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-599-4046

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 27-4 Unit #102M
(Mesaverde/Dakota)Commingle
Unit D, 33-T27N-R04W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,035 MCFD & 0 BO

3 Hour Flow Test from Dakota = 205 MCFD & 0 BO

GAS:

$$\frac{\textit{(MV) 1,035 MCFD}}{\textit{(MV \& DK)}\ 1{,}240\ \text{MCFD}} = \text{(MV) \% Mesaverde 83\%}$$

$$\frac{\textit{(DK) 205 MCFD}}{\textit{(MV \& DK)}\ 1{,}240\ \text{MCFD}} = \text{(DK) \% Dakota 17\%}$$

OIL:

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

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