



**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. Salisbury
Cabinet Secretary

December 18, 1998

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

Re: San Juan 27-4 Unit #101M, P-28-27N-04W, API# 30-039-25920, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesaverde	79%	50%
Dakota	21%	50%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

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

274#101M-enc

**BURLINGTON
RESOURCES**

SAN JUAN DIVISION

October 24, 1998

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

RECEIVED
OCT 26 1998

Re: San Juan 27-4 Unit #101M
730'FSL, 1090'FWL, Section 28, T-27-N, R-4-W
Rio Arriba County
30-039-25920

OIL CON. DIV.
OCT 26 1998

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-2058 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	79 % gas	50 % oil
Dakota -	21 % 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

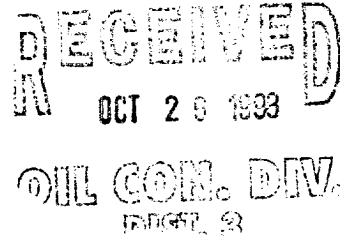
PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 27-4 Unit #101M
(Mesaverde/Dakota)Commingle
Unit P, 28-T27N-R04W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 611 MCFD & 0 BO

3 Hour Flow Test from Dakota = 166 MCFD & 0 BO



GAS:

$$\frac{(MV) 611 \text{ MCFD}}{(MV \& DK) 777 \text{ MCFD}} = (MV) \% \text{ Mesaverde } 79\%$$

$$\frac{(DK) 166 \text{ MCFD}}{(MV \& DK) 777 \text{ MCFD}} = (DK) \% \text{ Dakota } 21\%$$

OIL:

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

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