



**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 I/3district.htm](http://emnrd.state.nm.us/ocd/District%20I/3district.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 #41M, E-07-27N-04W, API# 30-039-25955, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesaverde	47%	50%
Dakota	53%	50%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

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

274#41M. dlc

**BURLINGTON
RESOURCES**

SAN JUAN DIVISION

October 28, 1998

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

Re: San Juan 27-4 Unit #41M
1990'FNL, 870'FWL, Section 7, T-27-N, R-4-W
30-039- 25955

RECEIVED
OCT 30 1998
OIL CON. DIV.
DIST 3

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-2065 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	47 % gas	50 % oil
Dakota -	53 % 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 #41M
(Mesaverde/Dakota)Commingle
Unit E, 07-T27N-R04W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 534 MCFD & 0 BO

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

GAS:

$$\frac{(MV) 534 \text{ MCFD}}{(MV \& DK) 1,145 \text{ MCFD}} = (MV) \% \text{ Mesaverde } 47\%$$

$$\frac{(DK) 611 \text{ MCFD}}{(MV \& DK) 1,145 \text{ MCFD}} = (DK) \% \text{ Dakota } 53\%$$

OIL:

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

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