



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
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[http://www.blm.state.nm.us/ood/District NW/District.htm](http://www.blm.state.nm.us/ood/District%20NW/District.htm)

GARY E. JOHNSON
GOVERNOR

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CABINET SECRETARY

October 20, 1998

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

Re: San Juan 28-4 Unit #31M, F-32-28N-04W, API# 30-039-25921, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesaverde	90%	50%
Dakota	10%	50%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

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

284#31M. dnc

BURLINGTON
RESOURCES

SAN JUAN DIVISION

October 5, 1998

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

Re: San Juan 28-4 Unit #31M
F NW Section 32, T-28-N, R-4-W, Rio Arriba County
30-039-25921

RECEIVED
OCT 7 1998
OIL CON. DIV.
DIST. 3

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-2030 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	90 % gas	50 % oil
Dakota -	10 % 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 28-4 Unit #31M
(Mesaverde/Dakota)Commingle
Unit F, 32-T28N-R04W
Rio Arriba County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,043 MCFD & 0 BO

3 Hour Flow Test from Dakota = 115 MCFD & 0 BO

GAS:

$$\frac{(MV) 1,043 \text{ MCFD}}{(MV \& DK) 1,158 \text{ MCFD}} = (MV) \% \text{ Mesaverde 90\%}$$

$$\frac{(DK) 115 \text{ MCFD}}{(MV \& DK) 1,158 \text{ MCFD}} = (DK) \% \text{ Dakota 10\%}$$

OIL:

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

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