



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
GOVERNOR

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178 Fax (505) 334-6170

JENNIFER A. SALISBURY
CABINET SECRETARY

October 3, 1997

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

Re: San Juan 27-5 Unit #96, F-15-27N-05W, API# 30-039-60123, DHC

Dear Ms. Bradfield:

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

	Gas	Oil
Blanco Mesaverde	65%	57%
Basin Dakota	35%	43%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/sh

cc: well file

27596m-dhc

BURLINGTON RESOURCES

SAN JUAN DIVISION

September 30, 1997

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

RECEIVED
OCT - 1 1997

OIL CON. DIV.
DIST. 3

Re: San Juan 27-5 Unit #96
1750'FNL, 1480'FWL Section 15, T-27-N, R-05-W, Rio Arriba County, NM
API #30-039-60123

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1516 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	65 % gas	57 % oil
Dakota -	35 % gas	43 % oil

These percentages are based upon pre-recompletion rates for the Dakota only and post completion rates for the Mesa Verde and Dakota commingled.

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 27-5 Unit #96
(Mesaverde/Dakota)Commingle
Unit F, 15-T27N-R05W
Rio Arriba County, New Mexico

Allocation Formula Method:

1996 Dakota Average = 212 MCFD & 1.6 BO

1997 Commingled Production = 605 MCFD & 3.7 BO

1997 Commingled Production - 1996 Dakota Average = Mesaverde Contribution

GAS:

$$\frac{(DK) 212 \text{ MCFD}}{(MV \& DK) 605 \text{ MCFD}} = (DK) \% \text{ Dakota } 35\%$$

$$\frac{(MV \& DK) 605 \text{ MCFD (100\%)} - (DK) 212 \text{ MCFD (35\%)}}{212/605} = (MV) \% \text{ Mesaverde } 65\%$$

OIL:

$$\frac{(DK) 1.6 \text{ BOPD}}{(MV \& DK) 3.7 \text{ BOPD}} = (DK) \% \text{ Dakota } 43\%$$

$$\frac{(MV \& DK) 3.7 \text{ BOPD (100\%)} - (DK) 1.6 \text{ BOPD (43\%)}}{1.6} = (MV) \% \text{ Mesaverde } 57\%$$