



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

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6170 FAX: (505) 334-6170
[http://nemrwd.state.nm.us/ood/District II/3distric.htm](http://nemrwd.state.nm.us/ood/District%20II/3distric.htm)

GARY E. JOHNSON
GOVERNOR

Jennifer A. Salisbury
CABINET SECRETARY

October 20, 1998

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

Re: San Juan 28-5 Unit #91E, E-14-28N-05W, API# 30-039-23846, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesaverde	99%	0%
Dakota	01%	100%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

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

285#91E. dbe

**BURLINGTON
RESOURCES**

SAN JUAN DIVISION

September 17, 1998

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

Re: San Juan 28-5 Unit #91E
1500'FNL, 960'FWL, Section 14, T-28-N, R-5-W
30-039- 23846

RECEIVED
SEP 21 1998

ONLINE UNIT
30-039-23846

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1965 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	99 % gas	0% oil
Dakota -	1 % gas	100 % oil

These percentages are based on precompletion rates for the Dakota only and on post completion rates from 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 28-5 Unit #91E
(Mesaverde/Dakota)Commingle
Unit E, 14-T28N-R05W
Rio Arriba County, New Mexico

Allocation Formula Method:

1998 Dakota Average = 2 MCFD & 0.3 BO

1998 Commingled Production = 738 MCFD & 0.3 BO

1998 Commingled Production - 1998 Dakota Average = Mesaverde Contribution

GAS:

738 MCFD (commingled production) - 2 MCFD (Dakota Production) =

736 MCFD (Mesaverde Contribution)

$$\frac{736 \text{ MCFD (MV)}}{738 \text{ MCFD (total)}} = 99\% \text{ (Mesaverde), } 1\% \text{ (Dakota)}$$

OIL:

0.3 BOPD (commingled production) - 0.3 BOPD (Dakota Production) =

0.0 BOPD (Mesaverde Contribution)

$$\frac{0.3 \text{ BOPD (DK)}}{0.3 \text{ BOPD (total)}} = 100\% \text{ (Dakota), } 0\% \text{ (Mesaverde)}$$