



**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://nemrd.state.nm.us/ocd/District II/Sedistric.htm](http://nemrd.state.nm.us/ocd/District%20II/Sedistric.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 27-5 Unit #97M, D-31-27N-05W, API# 30-039-23728, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesaverde	38%	53%
Dakota	62%	47%

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

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

275497m. dk

**BURLINGTON  
RESOURCES**

SAN JUAN DIVISION

RECEIVED  
SEP 21 1998  
OIL CON. DIV.  
DIST. 3

September 17, 1998

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

Re: San Juan 27-5 Unit #97M  
1000' FNL 1000' FWL, Section 31, T-27-N, R-5-W, Rio Arriba County  
30-039-23728

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1716 was issued for the commingling. The following allocation formula is submitted for your approval:

	38	53
Mesa Verde -	37.6 % gas	52.5 % oil
Dakota -	62.4 % gas	47.5 % oil
	62	47

These percentages are based on historic production from the Mesa Verde and Dakota.

Please let me know if you have any questions.

Sincerely,



Peggy Bradfield  
Regulatory/Compliance Administrator

xc: Bureau of Land Management  
NMOCD - Santa Fe

**San Juan 27-5 Unit No. 97M  
Proposed Allocation Formula**

**Production allocation based on production over the four year period 1993 to 1996**

	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>Total</b>
	<b><u>MCF</u></b>	<b><u>MCF</u></b>	<b><u>MCF</u></b>	<b><u>MCF</u></b>	<b><u>MCF</u></b>
Mesa Verde	53,939	32,340	17,748	56,295	160,322
Dakota	<u>69,959</u>	<u>80,952</u>	<u>61,546</u>	<u>54,102</u>	<u>266,559</u>
	123,898	113,292	79,294	110,397	426,881

	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>Total</b>
	<b><u>Bbl. Oil</u></b>	<b><u>Bbl. Oil</u></b>	<b><u>Bbl. Oil</u></b>	<b><u>Bbl. Oil</u></b>	<b><u>Bbl. Oil</u></b>
Mesa Verde	1,423	1,588	1,602	1,632	6,245
Dakota	<u>1,159</u>	<u>1,328</u>	<u>1,519</u>	<u>1,650</u>	<u>5,656</u>
	2,582	2,916	3,121	3,282	11,901

**Gas Allocation:**

$$\text{Mesa Verde \%} = \frac{\text{(Total Mesa Verde Production)}}{\text{(Total Combined Production)}} = \frac{(160,322 \text{ MCF})}{(426,881 \text{ MCF})} = \mathbf{37.60\%}$$

$$\text{Dakota \%} = \frac{\text{(Total Dakota Production)}}{\text{(Total Combined Production)}} = \frac{(266,559 \text{ MCF})}{(426,881 \text{ MCF})} = \mathbf{62.40\%}$$

**Oil Allocation:**

$$\text{Mesa Verde \%} = \frac{\text{(Total Mesa Verde Production)}}{\text{(Total Combined Production)}} = \frac{(6,245 \text{ Bbl. Oil})}{(11,901 \text{ Bbl. Oil})} = \mathbf{52.50\%}$$

$$\text{Dakota \%} = \frac{\text{(Total Dakota Production)}}{\text{(Total Combined Production)}} = \frac{(5,656 \text{ Bbl. Oil})}{(11,901 \text{ Bbl. Oil})} = \mathbf{47.50\%}$$