



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
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[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

GARY E. JOHNSON  
Governor

Jennifer A. Salisbury  
Cabinet Secretary

December 22, 1998

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

Re: Huerfanito Unit #87, <sup>K</sup>1-01-26N-09W API# 30-045-06023, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesaverde	69%	64%
Dakota	31%	36%

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

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

huerfo 87. dhc

**BURLINGTON  
RESOURCES**

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SAN JUAN DIVISION

November 9, 1998

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

Re: Huerfanito Unit #87  
1550' FSL, 1750' FWL, Section 1, T-26-N, R-9-W, San Juan  
30-045-06023

RECEIVED  
NOV 10 1998  
OIL CON. DIV

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-1964 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	68.7 % gas	63.8 % oil
Dakota -	31.3 % gas	36.2 % oil

These percentages are based on historical data for 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

Huerfanito Unit No. 87  
Sec. 1, T26N R9W  
San Juan County, New Mexico

**Production Allocation Based On 1997 Production**

	<b>1997 Production</b>	
	<u><b>MCF</b></u>	<u><b>Bbl Oil</b></u>
Mesa Verde	77,321	402
Dakota	<u>35,254</u>	<u>228</u>
	112,575	630

**Gas Allocation:**

$$\text{Mesa Verde \%} = \frac{\text{(Total Mesa Verde Production) (77,321 MCF)}}{\text{(Total Combined Production) (112,575 MCF)}} = 68.7\%$$

$$\text{Dakota \%} = \frac{\text{(Total Dakota Production) (35,254 MCF)}}{\text{(Total Combined Production) (112,575 MCF)}} = 31.3\%$$

**Oil Allocation:**

$$\text{Mesa Verde \%} = \frac{\text{(Total Mesa Verde Production) (402 Bbl. Oil)}}{\text{(Total Combined Production) (630 Bbl. Oil)}} = 63.8\%$$

$$\text{Dakota \%} = \frac{\text{(Total Dakota Production) (228 Bbl. Oil)}}{\text{(Total Combined Production) (630 Bbl. Oil)}} = 36.2\%$$