



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

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6176 FAX: (505) 334-6170  
[http://emrwd.state.nm.us/ocod/District H/3/district.htm](http://emrwd.state.nm.us/ocod/District%20H/3/district.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: Allison Unit #20M, F-18-32N-06W, API# 30-045-29608, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesaverde	84%	50%
Dakota	16%	50%

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

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

*allison20m.dhc*

**BURLINGTON**  
**RESOURCES**

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SAN JUAN DIVISION

October 5, 1998

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

Re: Allison Unit #20M  
F NW Section 18, T-32-N, R-6-W, San Juan County  
30-045-29608

RECEIVED  
OCT 7 1998

OIL CON. DIV.  
DIST. 3

Gentlemen:

The above referenced well is a Mesa Verde/Dakota commingle. Order DHC-2006 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	84 % gas	50 % oil
Dakota -	16 % 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

Allison Unit #20M  
(Mesaverde/Dakota)Commingle  
Unit F, 18-T32N-R06W  
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,567 MCFD & 0 BO

3 Hour Flow Test from Dakota = 303 MCFD & 0 BO

GAS:

$$\frac{(MV) 1,567 \text{ MCFD}}{(MV \& DK) 1,870 \text{ MCFD}} = (MV) \% \text{ Mesaverde 84\%}$$

$$\frac{(DK) 303 \text{ MCFD}}{(MV \& DK) 1,870 \text{ MCFD}} = (DK) \% \text{ Dakota 16\%}$$

OIL:

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

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