



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

DHC - 2024

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6170  
<http://emnrd.state.nm.us/ocd/District III/3district.htm>

GARY E. JOHNSON  
Governor

Jennifer A. Sallsbury  
Cabinet Secretary

June 29, 1999

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

Re: Allison Unit #31M, D-14-32N-07W, API# 30-045-29601, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesa Verde	77%	50%
Dakota	23%	50%

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

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

# BURLINGTON RESOURCES

March 26, 1999

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

Re: Allison Unit #31M  
1100'FNL, 300'FWL, Section 14, T-32-N, R-7-W  
30-045-29601

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2024 was issued for this well.

Gas:	Mesa Verde	77%
	Dakota	23%
Oil:	Mesa Verde	50%
	Dakota	50%

These allocations 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: NMOCD – Santa Fe  
Bureau of Land Management – Farmington

PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

Allison Unit #31M  
(Mesaverde/Dakota)Commingle  
Unit D, 14-T32N-R07W  
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,317 MCFD & 0 BO

3 Hour Flow Test from Dakota = 400 MCFD & 0 BO

GAS:

$$\frac{(MV) 1,317 \text{ MCFD}}{(MV \& DK) 1,717 \text{ MCFD}} = (MV) \% \text{ Mesaverde 77\%}$$

$$\frac{(DK) 400 \text{ MCFD}}{(MV \& DK) 1,717 \text{ MCFD}} = (DK) \% \text{ Dakota 23\%}$$

OIL:

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

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