



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington Field Office  
1235 La Plata Highway, Suite A  
Farmington, New Mexico 87401

IN REPLY REFER TO  
3162.7 (07100)

March 15, 2002

Ms. Peggy Cole  
Burlington Resources  
PO Box 4289  
Farmington, NM 87499

RE: Accept downhole commingle applications and allocation factors

Dear Ms. Cole:

The following wells were reviewed for downhole commingling. After reviewing the production history for these wells, we concur with the allocation factors established in your application. The effective date is the date that downhole commingling actually occurs. The wells and the approved allocation factors are listed below.

Well Name	Lease/CA#	Location	API#	Formation Allocation	Formation Allocation
579 A2 Allison Unit Com #76A	FEE MV(NMNM104872) DK(NMNM104873)	sec 31, T32N, R6W	3004530676	MV gas 89%	DK gas 11%
				Oil 89%	Oil 11%
Allison Unit Com #64	FEE MV(NMNM103023) DK(NMNM103022)	sec 8, T32N, R6W	3004529810	MV gas 47%	DK gas 53%
				Oil 47%	Oil 53%

If you have any questions, please contact Adrienne Garcia at (505) 599-6358 or the undersigned with this office at (505) 599-6367.

Sincerely,

/s/ Jim Lovato

Jim Lovato  
Team Lead, Petroleum Management Team

# BURLINGTON RESOURCES

FEE

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

Re: Allison Unit Com #64  
SENE, Section 8, T-32-N, R-6-W  
30-045-29810  
San Juan County, New Mexico

Gentlemen:

The above referenced well is a Mesaverde/Dakota commingle. Attached is a copy of the allocation for the commingling of the subject well completed on February 19, 2002. DHC-2217 was issued for this well.

Gas:	Mesa Verde	47%	- 103023
	Dakota	53%	103022
Oil:	Mesa Verde	47%	-
	Dakota	53%	-

These allocations are based on isolated flow tests from the Mesa Verde and Dakota during completion operations. Oil was not present during flow test operations. For that reason, oil percentages are based upon gas allocation and are provided in the event this wellbore begins producing oil at some point in the future. Please let me know if you have any questions.

Sincerely,



Peggy Cole  
Regulatory Supervisor

Xc: NMOCD - Santa Fe  
Bureau of Land Management

PRODUCTION ALLOCATION FORMULA USING WELL TEST INFORMATION

Allison Unit Com #64  
(Mesaverde/Dakota) Commingle  
Unit H, 8-T32N-R6W  
Rio Arriba County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 279 MCFD & 0 BO

Separator test from Dakota = 310 MCFD & 0 BO

GAS:

$$\frac{(MV) 279 \text{ MCFD}}{(MV/ DK) 589 \text{ MCFD}} = (MV) \% \text{ Mesaverde 47\%}$$

$$\frac{(DK) 310 \text{ MCFD}}{(MV/DK) 589 \text{ MCFD}} = (DK) \% \text{ Dakota 53\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (MV) \% \text{ Mesaverde 47\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (DK) \% \text{ Dakota 53\%}$$