



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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/DistrictIII/3distric.htm>

GARY E. JOHNSON  
Governor

Jennifer A. Sallsbury  
Cabinet Secretary

June 23, 1999

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

Re: San Juan 27-4 Unit #14M, F-18-27N-04W, API# 30-039-25924, DHC

Dear Ms Bradfield:

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

	Gas	Oil
Mesa Verde	69%	67%
Dakota	31%	33%

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

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

55274#14M.DHC

## BURLINGTON RESOURCES

June 3, 1999

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

Re: San Juan 27-4 Unit #14M  
1850'N, 1850'W Section 18, T-27-N, R-4-W  
30-039-25924

RECEIVED  
JUN - 4 1999  
OIL CON. DIV.  
DIST. 3

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2066 was issued for this well.

Gas:	Mesa Verde	69%
	Dakota	31%
Oil:	Mesa Verde	67%
	Dakota	33%

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

San Juan 27-4 Unit #14M  
(Mesaverde/Dakota) Commingle  
Unit F, 18-T27N-R04W  
Rio Arriba County, New Mexico

### Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1,345 MCFD & 1 BO

3 Hour Flow Test from Dakota = 608 MCFD & 0.5 BO

### GAS:

$$\frac{(MV) 1,345 \text{ MCFD}}{(MV \& DK) 1,953 \text{ MCFD}} = (MV) \% \text{ Mesaverde 69\%}$$

$$\frac{(DK) 608 \text{ MCFD}}{(MV \& DK) 1,953 \text{ MCFD}} = (DK) \% \text{ Dakota 31\%}$$

### OIL:

$$\frac{(MV) 1 \text{ BO}}{(MV \& DK) 1.5 \text{ BO}} = (MV) \% \text{ Mesaverde 67\%}$$

$$\frac{(DK) 0.5 \text{ BO}}{(MV \& DK) 1.5 \text{ BO}} = (DK) \% \text{ Dakota 33\%}$$