

BURLINGTON RESOURCES

September 7, 1999

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

Re: East #5M
N Section23, T-31-N, R-12-W
30-045-29646

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2380 was issued for this well.

Gas:	Mesa Verde	80%
	Dakota	20%
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

East #5M
(Mesaverde/Dakota) Commingle
Unit N, 23-T31N-R12W
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Mesaverde = 1252 MCFD & 0 BO

3 Hour Flow Test from Dakota = 316 MCFD & 0 BO

GAS:

$$\frac{(MV) 1252 \text{ MCFD}}{(MV \& DK) 1568 \text{ MCFD}} = (MV) \% \text{ Mesaverde 80\%}$$

$$\frac{(DK) 316 \text{ MCFD}}{(MV \& DK) 1568 \text{ MCFD}} = (DK) \% \text{ Dakota 20\%}$$

OIL:

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

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