

BURLINGTON RESOURCES

January 3, 2002

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

Re: San Juan 27-4 Unit #14M
F Section 18, T-27-N, R-4-W
30-039-25924



REVISED

Gentlemen:

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

Gas: Mesaverde 69%
Dakota 31%

Oil: Mesaverde 67%
Dakota 33%

These allocations are based on isolated flow tests from the Mesaverde and Dakota during completion operations. 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 FLOW TEST INFORMATION

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

REVISED

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:

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

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