

BURLINGTON RESOURCES

December 11, 2002

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

Re: Reuter #2E
F Section 34. T-27-N, R-6-W
30-039-27028



Gentlemen:

Attached is a copy of the allocation for the subject well that was completed on 12-5-02.
DHC-955az was issued for this well.

Gas: Mesaverde 27%
Dakota 73%

Oil: Mesaverde 0%
Dakota 100%

These percentages are based upon isolated flow tests from the Mesaverde and Dakota formations 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 WELL TEST INFORMATION

Reuter 2E
(Mesaverde/Dakota) Commingle
Unit F, 34-T27N-R6W
Rio Arriba County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 276 MCFD & 0 BO

Separator test from Dakota = 743 MCFD & .17 BO

GAS:

$$\frac{(MV) 276 \text{ MCFD}}{(MV/ DK) 1019 \text{ MCFD}} = (MV) \% \text{ Mesaverde 27\%}$$

$$\frac{(DK) 743 \text{ MCFD}}{(MV/ DK) 1019 \text{ MCFD}} = (DK) \% \text{ Dakota 73\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/ DK) .17 \text{ BO}} = (MV) \% \text{ Mesaverde 0\%}$$

$$\frac{(DK) .17 \text{ BO}}{(MV/ DK) .17 \text{ BO}} = (DK) \% \text{ Dakota 100\%}$$