

BURLINGTON

RESOURCES

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

Re: Ross Federal #1R
NWNE, Section 23, T-30-N, R-11-W
30-045-31252
San Juan County, New Mexico

Gentlemen:

The above referenced well is a Chacra/Mesaverde/Dakota commingle. Attached is a copy of the allocation for the commingling of the subject well completed on March 11, 2003. DHC3101 was issued for this well.

Gas:	Chacra	29%
	Mesa Verde	44%
	Dakota	27%

Oil:	Chacra	29%
	Mesa Verde	44%
	Dakota	27%

These allocations are based on isolated flow tests from the Chacra, 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

Ross Federal 1R
(Mesaverde/Dakota/Chacra) Commingle
Unit B, 23-T30N-R11W
San Juan County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 682 MCFD & 0 BO

Separator test from Dakota = 420 MCFD & 0 BO

Separator test from Chacra = 448 MCFD & 0 BO

GAS:

$$\frac{\text{(MV) 682 MCFD}}{\text{(MV/ CH/ DK) 1550 MCFD}} = \text{(MV) \% } \underline{\text{Mesaverde 44\%}}$$

$$\frac{\text{(DK) 420 MCFD}}{\text{(MV/ CH/ DK) 1550 MCFD}} = \text{(DK) \% } \underline{\text{Dakota 27\%}}$$

$$\frac{\text{(CH) 448 MCFD}}{\text{(MV/ CH/ DK) 1550 MCFD}} = \text{(CH) \% } \underline{\text{Chacra 29\%}}$$

OIL:

$$\frac{\text{(MV) 0 BO}}{\text{(MV/ CH/ DK) 0 BO}} = \text{(MV) \% } \underline{\text{Mesaverde 44\%}}$$

$$\frac{\text{(DK) 0 BO}}{\text{(MV/ CH/ DK) 0 BO}} = \text{(DK) \% } \underline{\text{Dakota 27\%}}$$

$$\frac{\text{(CH) 0 BO}}{\text{(MV/ CH/ DK) 0 BO}} = \text{(CH) \% } \underline{\text{Chacra 29\%}}$$