

# BURLINGTON RESOURCES

July 31, 2002

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

Re: San Juan 27-5 Unit #170N  
N Section 34, T-27-N, R-5-W  
30-039-26270



*HC*  
Gentlemen:

Attached is a copy of the allocation for the subject well that was completed 7-12-02. DHC-682az was issued for this well.

|      |           |     |
|------|-----------|-----|
| Gas: | Mesaverde | 55% |
|      | Dakota    | 45% |

|      |           |     |
|------|-----------|-----|
| Oil: | Mesaverde | 55% |
|      | Dakota    | 45% |

These percentages are based upon isolated flow tests from the Mesaverde and Dakota formations 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*  
Peggy Cole  
Regulatory Supervisor

Xc: NMOCD – Santa Fe  
Bureau of Land Management

PRODUCTION ALLOCATION FORMULA USING WELL TEST INFORMATION

San Juan 27-5 Unit 170N  
(Mesaverde/Dakota) Commingle  
Unit N, 34-T27N-R5W  
Rio Arriba County, New Mexico

Allocation Formula Method:

Separator test from Mesaverde = 240 MCFD & 0 BO

Separator test from Dakota = 195 MCFD & 0 BO

GAS:

$$\frac{(MV) 240 \text{ MCFD}}{(MV/ DK) 435 \text{ MCFD}} = (MV) \% \text{ Mesaverde 55\%}$$

$$\frac{(DK) 195 \text{ MCFD}}{(MV/ DK) 435 \text{ MCFD}} = (DK) \% \text{ Dakota 45\%}$$

OIL:

$$\frac{(MV) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (MV) \% \text{ Mesaverde 55\%}$$

$$\frac{(DK) 0 \text{ BO}}{(MV/ DK) 0 \text{ BO}} = (DK) \% \text{ Dakota 45\%}$$

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