

# **BURLINGTON RESOURCES**

May 25, 1999

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

Re: Turner Hughes #15A  
1490'FSL, 920'FEL, Section 3, T-27-N, R-9-W  
30-045-26381

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-1839 was issued for this well.

Gas:	Mesa Verde	40%
	Chacra	60%
Oil:	Mesa Verde	100%
	Chacra	0%

These allocations are based on historic production from the Mesa Verde and Chacra 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

**CALCULATIONS FOR TURNER HUGHES #15A MV-CH**

Commingled  
Blanco Mesaverde  
Otero Chacra

The Mesaverde well has been producing since 1985.  
The Mesaverde has a cumulative of 252 MMCF and 1,852 BO.  
The Mesaverde capacity before the Chacra was opened was about 60 MCF/D and 0.57 BOPD.  
Completion date of workover to open Chacra and commingle with MV: 7/6/98.  
First delivery of commingled Chacra-MV on 7/9/98.  
Total Chacra and MV rate after about 10 months on line: 150 MCF/D and 0.46 BOPD.

**GAS ALLOCATION**

Mesaverde =  $60/150 = 40\%$

Chacra =  $(150-60)/150 = 60\%$

**OIL ALLOCATION**

Since the well is making approximately the same oil after the workover as before the workover, and the Chacra seldom makes oil in this field, we attribute all the oil production to the Mesaverde.

Mesaverde = 100%

Chacra = 0%

Mesaverde =  $1.25/6 = 21\%$

Chacra =  $(6-1.25)/6 = 79\%$