

BURLINGTON RESOURCES

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

Re: Howell L #4R
SWNE, Section 34, T-30-N, R-8-W
30-045-27576
San Juan County, New Mexico



Gentlemen:

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The above referenced well is a Mesaverde/Pictured Cliffs commingle. Attached is a copy of the allocation for the commingling of the subject well completed on March 26, 2001. DHC-294az was issued for this well.

Gas:	Mesa Verde	66%
	Pictured Cliffs	34%

Oil:	Mesa Verde	0%
	Pictured Cliffs	0%

These allocations are based on isolated flow tests from the Mesa Verde and Pictured Cliffs 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

Howell L #4R
(Pictured Cliffs / Mesaverde) Commingle
Unit G, 34-T30N-R08W
San Juan County, New Mexico

Allocation Formula Method:

3 Hour Flow Test from Pictured Cliffs = 158 MCFD & 0 BO

3 Hour Flow Test from Mesaverde = 306 MCFD & 0 BO

GAS:

$$\frac{(PC) 158 \text{ MCFD}}{(PC/MV) 464 \text{ MCFD}} = (PC) \% \text{Pictured Cliffs } 34\%$$

$$\frac{(MV) 306 \text{ MCFD}}{(PC/MV) 464 \text{ MCFD}} = (MV) \% \text{Mesaverde } 66\%$$

OIL:

$$\frac{(PC) 0 \text{ BO}}{(PC/MV) 0 \text{ BO}} = (PC) \% \text{Pictured Cliffs } 0\%$$

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